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23 YEARS OF SUCCESSFUL BUSINESS BUILDING, 1890-1913

# MICHELL'S WHOLESALE

SEPTEMBER, OCTOBER, NOVEMBER-1913

EASTER IN 1914 COMES APRIL 12TH

## PRICE LIST OF BULBS, Etc.



The New Scarlet Bedding Geranium  
"HELEN MICHELL"

To be disseminated  
January, 1914

THE NEW  
SCARLET BEDDING  
GERANIUM

"Helen Michell"

For particulars see inside cover  
page and color plate

HENRY F. MICHELL, President

FRED'K J. MICHELL, Vice-President

## HENRY F. MICHELL CO.

TELEPHONES  
BELL—  
Lombard 4220  
4221  
4222  
4223  
4224  
4225  
KEYSTONE—  
Main 3600  
3601



Seeds, Bulbs, Plants, Garden Tools, Fertilizers  
Insect Destroyers, Poultry Supplies, Etc., Etc.

518 Market Street, Philadelphia  
Warehouses, 509-511-513 Ludlow Street  
Plant Establishment, Torresdale, Pa. (Andalusia Station)

# New Scarlet Bedding Geranium

## "HELEN MICHELL"

(SEE COLOR PLATE OPPOSITE)

(Name registered with S. A. F. & O. H.)

(Cross-Seedling Jean Viaud X Alphonse Ricard)

Read what two of the greatest American Geranium growers have to say about "Helen Michell."

Philadelphia, June 15, 1912.

Gentlemen:

Relative to the new Geranium, "Helen Michell," which was shown to us a few days ago, would say that we consider this variety a GREAT IMPROVEMENT over *Alphonse Ricard*. The flower is borne on a long, stiff stem, is MUCH LARGER than the *Ricard* variety, and the color is superb. It appeared to us to be a very VIGOROUS GROWER and UNUSUALLY FREE. We have known of this variety for the past two years and think it will be one of the grandest bedders in commerce.

Yours truly,

ROBERT CRAIG CO.

## We offer \$50.00 in Gold

For the Best 4-inch Pot (single plant)  
of this New Geranium in Bloom

TO BE COMPETED FOR AT THE

Flower Show, New York, Spring, 1914

Full particulars as to date and place of show  
can be had from your Florist Club Secretary

This new Geranium is introduced by us as THE BEST COMMERCIAL NOVELTY FOR 1914, and in order to popularize it the first year of its introduction, we are offering the above remarkable prize, hoping that every grower in the land will compete.

The competition is absolutely fair as no plants are disseminated until January, 1914, and no larger plants are then furnished than from 2¼-inch pots. Every one knows how to grow a Geranium, and it can be carried to the Show, avoiding express charges, delays and damages.

### Additional Awards to be Made

For the second best plant as above described, THE MICHELL GOLD MEDAL.

For the third best plant, THE MICHELL SILVER MEDAL.

The latter awards will be made to enable some who cannot win the First Prize, of having an opportunity of at least getting a reward for their effort.

This remarkable Geranium was exhibited Spring, 1913, at the National Flower Show, New York City, where it was pronounced the finest Geranium Novelty that was ever seen. In addition, it was awarded the only certificate of merit for new plants exhibited at the Show. This fact alone should insure its being a novelty of sterling worth. The past summer a large block of these plants outdoors was in constant bloom, at our plant establishment from May, and still so when this catalogue was published.

### OUR FURTHER CLAIM

for this novelty is, that it surpasses  
all other Scarlet Geraniums.

- (1.) In brilliancy of color.
- (2.) In size of bloom.
- (3.) In number of clusters to the individual plant.
- (4.) In vigor and strength.
- (5.) In earliness of bloom.
- (6.) In constancy of bloom.
- (7.) In propagating quality no Geranium equals it.
- (8.) In a wonderful ability to retain its brilliancy of color in the hottest of weather.

White Marsh, Md., June 10, 1912.

Gentlemen:

We take pleasure in assuring you that we were very favorably impressed with the new GERANIUM, "HELEN MICHELL." It certainly possesses merits of exceptional value to the grower, and we are confident it will immediately find its place among the leading class of Geraniums.

Respectfully yours,  
R. VINCENT, JR., SONS.

### PRICES, Etc.

To be Disseminated beginning January, 1914,  
from 2¼-inch Pots

Each 25c; \$2.50 Dozen; \$15.00 per 100; \$125.00 per 1000

Single plants mailed free; for mailing dozen lots allow  
25c per doz. for postage, larger quantities sent by express.  
6 supplied at dozen rate, 25 at 100 rate, 250 at 1000 rate.

NOTE.—Order Sheet will be found following opposite color plate. INDEX is on back of color plate.



# The New Scarlet Bedding Geranium

## "HELEN MICHELL"

For Particulars see opposite Cover Page

TO BE DISSEMINATED JANUARY, 1914

From 2¼-Inch Pots

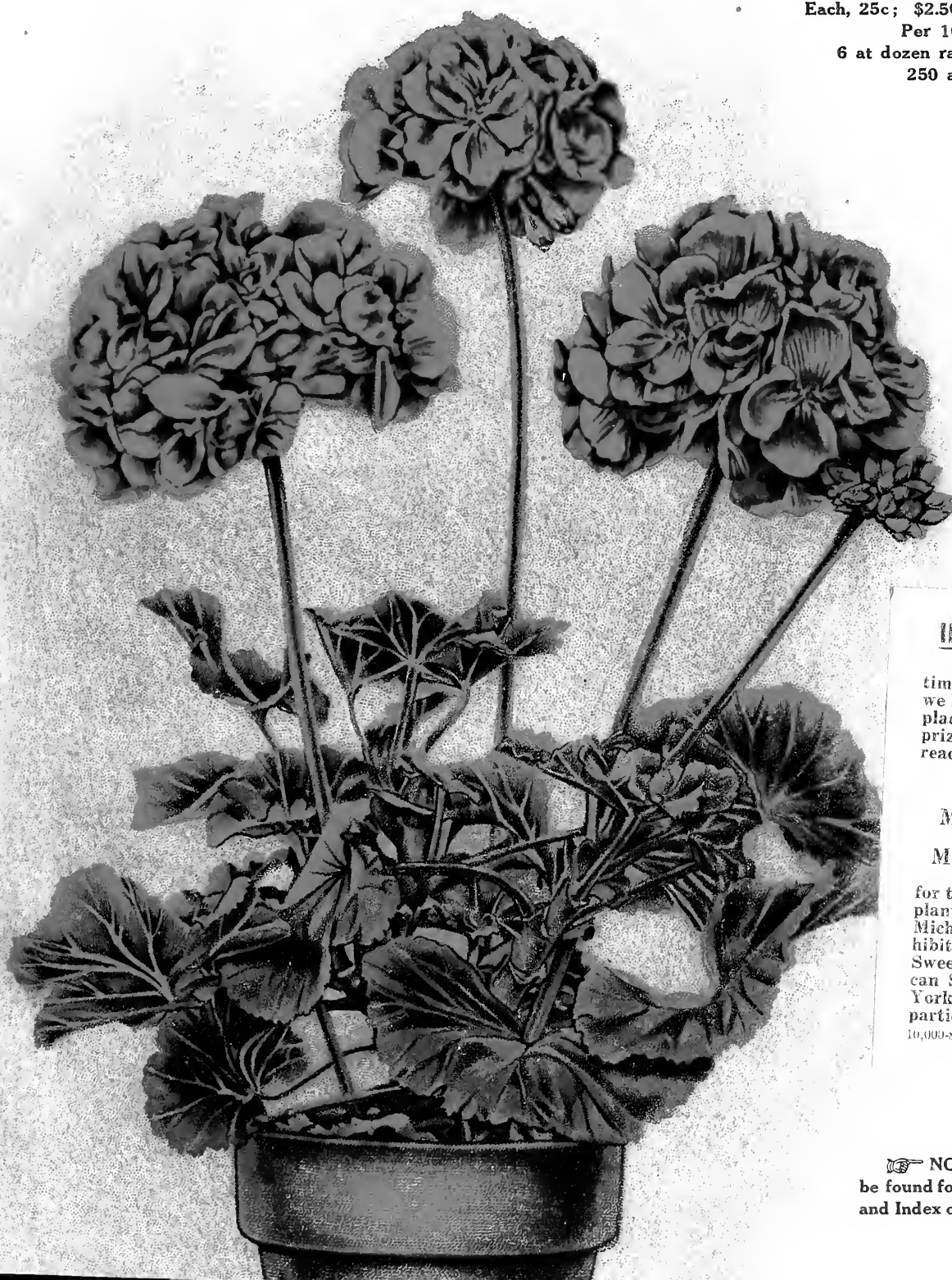
Prices to the Florist Trade:

Each, 25c; \$2.50, Dozen; 100, \$15.00;

Per 1000, \$125.00

6 at dozen rates, 25 at 100 rate,

250 at 1000 rate



### IMPORTANT NOTICE.

To give Exhibitors more time to grow specimen plants we have changed the date and place of the exhibition and our prize offer, therefore, should read as follows:


**\$50.00 in Gold**  
First Prize

**Michell's Gold Medal**  
Second Prize

**Michell's Silver Medal**  
Third Prize

for the best single pot (single plant) of the Geranium "Helen Michell" as offered to be exhibited in connection with the Sweet Pea Show of the American Sweet Pea Society in New York, end of June, 1914. Full particulars can be had later.

10,000-8-13 Br. HENRY F. MICHELL CO.

 **NOTE:** Order Sheet will be found following this Color Plate and Index on back of Color Plate.

# EASTER SUNDAY IN 1914 COMES APRIL 12th

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ENTRY STAMP

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DESCRIPTION

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**SPECIAL NOTICE**  
It is always best to write letters or inquiries on a separate memorandum. NOT on order sheets.

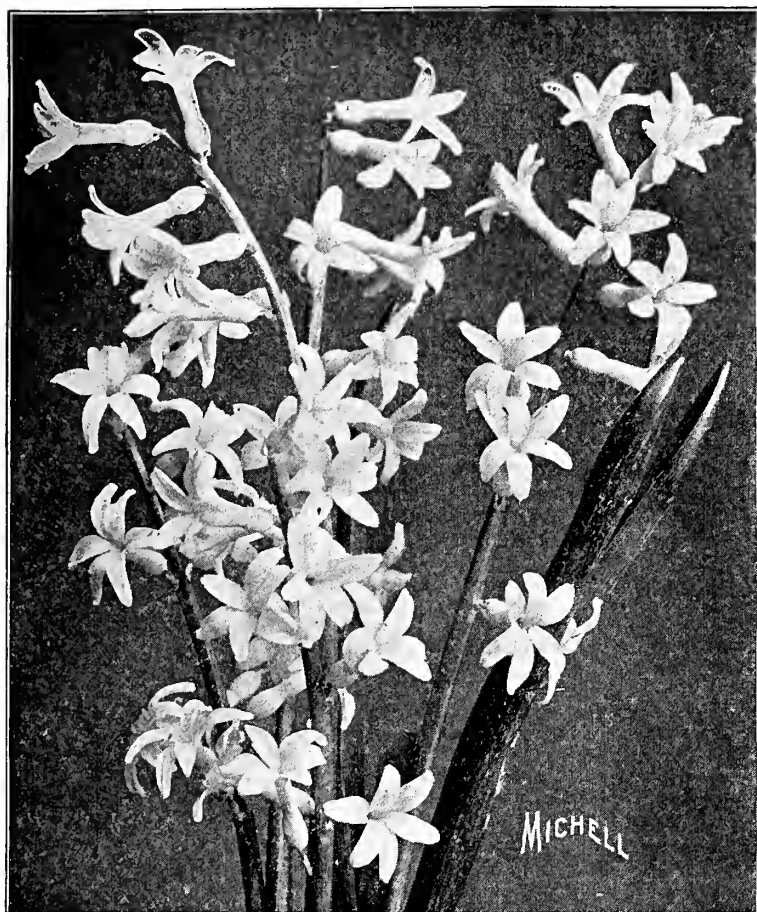
OVER





# MICHELL'S DEPENDABLE HYACINTHS

1



French Roman Hyacinths



Michell's Named Miniature or Dutch Roman Hyacinths

## French Roman Hyacinths

We import these in tremendous quantities, in fact, there are very few who handle as many. We are thus in a position to procure the best stock on contracting for such large quantities; our grower always takes the best care of us, and we in turn can do the same with our customer. Our stock is up to size, fully matured and will give the finest results.

	Doz.	100	1000
White, 11 to 12 ctm.....	\$0.35	\$2.35	\$22.00
" 12 to 15 ctm.....	.50	3.00	28.50
" 13 to 15 ctm.....	.60	3.60	35.00
Dark Blue, 12 to 15 ctm.....	.35	2.00	17.50
Light Blue, 12 to 15 ctm.....	.40	2.25	20.00
Light Pink, 12 to 15 ctm.....	.40	2.15	18.50
Deep Pink, 12 to 15 ctm.....	.35	2.00	17.50
Blush White Italian, 12 to 15 ctm..	.40	2.25	20.00

### TESTIMONIALS

Shillington, Pa.  
The Hyacinths I received from you last fall were the finest I ever grew. They were pronounced the most gorgeous display of Hyacinths in this section of Pennsylvania. I certainly must recommend Michell's bulbs to the private gardener, as well as to the commercial grower.

HOWARD M. SHILLING.

Bessemer, Ala.  
The Bulbs bought from your firm are now a mass of blooms—are just fine.

MRS. W. D. BROWN,  
Colonial Greenhouses.

## DUTCH ROMAN (MINATURE) HYACINTHS

We offer large bulbs of named varieties only, as these will be found far superior to the unnamed sorts offered at low prices.

	Doz.	100	1000
Albertine, pure white, early.....	\$0.35	\$1.80	\$17.00
Cardinal Wiseman, bright rose pink .....	.30	1.80	17.00
Chas. Dickens, deep pink.....	.30	1.80	17.00
Chas. Dickens, porcelain blue.....	.30	1.80	17.00
Gertrude, deep pink.....	.30	1.75	16.00
Gigantea, light pink.....	.30	1.80	16.50
Grand Maitre, bright blue.....	.30	1.80	16.50
King of the Blues, deep blue.....	.30	1.80	17.00
La Grandesse, pure white.....	.35	2.00	18.50
Lord Derby, pale porcelain.....	.30	1.80	17.00
Mad. van der Hoop, pure white...	.35	2.00	18.00
Moreno, deep pink.....	.30	1.80	16.50
Roi des Belges, fine deep crimson..	.30	1.80	16.50

## HYACINTH GLASSES

There is quite a demand for hyacinth glasses and we would recommend a small stock to all who have a store trade.

**Belgian Pattern** (see cut), in white, blue and green. 15c. each, per doz. \$1.40, \$11.00 per 100.

**Tye Pattern.** Very heavy, with large base, in blue, green, and white. 15c. each, per doz. \$1.40

**Bear in mind our prices on bulbs include all duty, packing charges, ocean freights, etc.**

6 Bulbs of any one variety at dozen rate, 25 at 100 rate, 250 at 1000 rate.

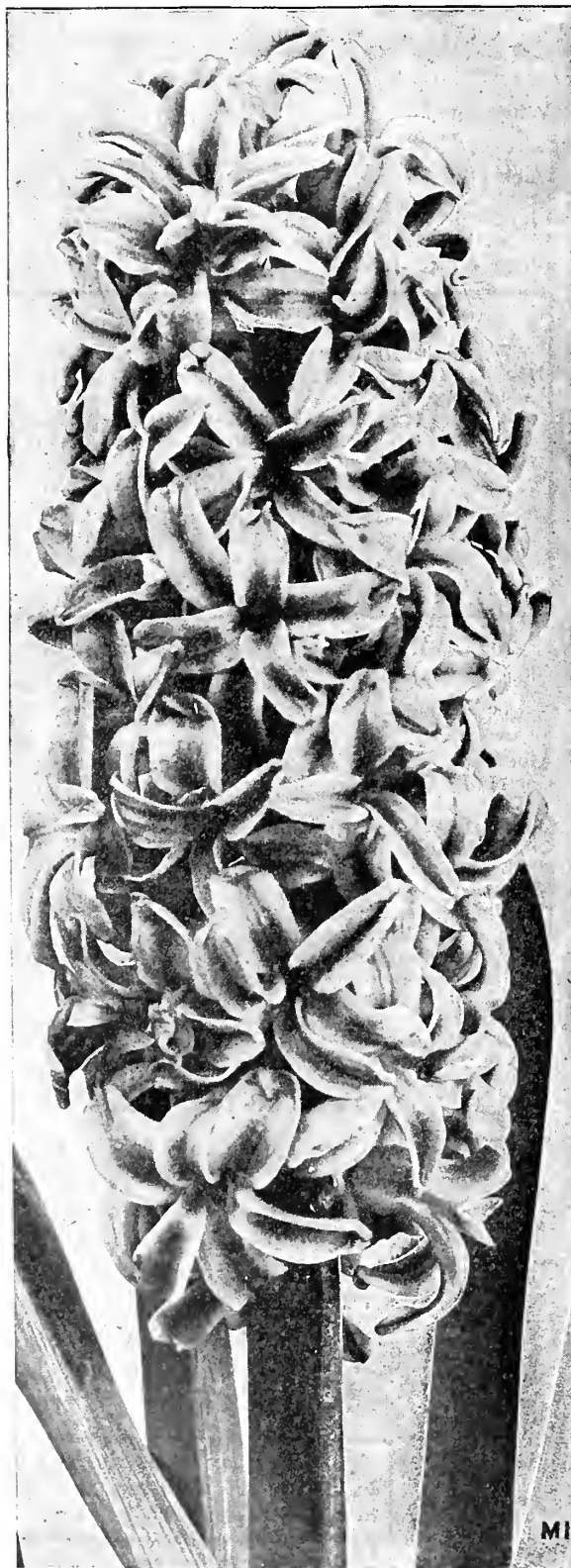




# MICHELL'S FIRST SIZE NAMED DUTCH HYACINTHS

Our selection of these embraces the very best varieties that have proven to be suitable for forcing; all producing large compact spikes. These Hyacinths are grown on contract for us by a specialist in this class of bulbs.

**Our Selection of Named Varieties 1st size, 75c. per doz.; per 100, \$5.15; \$50.00 per 1000**



*Grand Maitre*

	Per Doz.	Per 100	Per 1000
<b>SINGLE RED</b>			
Amy, bright carmine.....	\$0.80	\$5.25	\$50.00
Gen. Pelissier, scarlet, compact shape, very early....	.75	5.25	50.00
Robt. Steiger, crimson.....	.75	5.00	48.00
Roi des Belges, one of the finest, keeping its color longer than any other scarlet.....	.75	5.00	48.00
<b>SINGLE PINK</b>			
Baron von Thuyll, light, fine spikes, forces early....	.75	5.15	50.00
Cardinal Wiseman, rosy pink, large fine truss.....	.75	5.25	50.00
Gertrude, bright pink, one of the very best varieties	.70	4.50	44.00
Gigantea, a large flesh colored spike of enormous size; always satisfactory for forcing or bedding....	.70	4.75	45.00
Koh-i-Noor, a semi-double variety, very large truss, beautiful salmon pink.....	.80	5.50	52.50
Moreno, light rose, extra fine large spike and bells..	.80	5.50	52.50
Maria Cornelia, blush shade of pink; very early....	.80	5.50	52.50
Norma, pink, very large bells, short spike; early....	.75	5.00	49.00
Queen of Pinks, brilliant pink, immense truss, early.	1.00	6.50	60.00
Rosea Maxima, delicate pink spike, large bells; late	.80	5.50	52.50
<b>SINGLE WHITE</b>			
Alba Superbissima, white, for bedding or forcing....	.80	5.50	52.50
Angenis Christina, pure white, splendid forcer....	.80	5.25	50.00
Baroness von Thuyll, pure white, very early.....	.75	5.00	49.00
Grandeur A'Merveille, the best of the blush whites	.75	5.00	49.00
La Grandesse, extra fine snow white, well formed spike, an exhibition variety which has no equal....	1.00	7.00	67.50
L'Innocence, this sort rivals with La Grandesse, except that it is somewhat earlier and more compact.	.90	6.00	57.50
Mad. V. der Hoop, short spike with large bells.....	.75	5.25	50.00
Mont Blanc, a handsome pure white variety.....	1.00	7.25	67.50
Queen of the Netherlands, pure white; early.....	.75	5.50	52.50
<b>SINGLE BLUE</b>			
Blue Mourant, very deep blue.....	.75	5.50	52.50
Chas. Dickens, dark porcelain, compact spike; early	.75	5.50	52.50
Czar Peter, porcelain, tremendous truss; early.....	.90	6.50	62.50
Grand Maitre, bright porcelain, large heavy truss....	.85	6.00	57.50
Haydn, bright violet blue.....	.75	5.50	52.50
King of the Blues, the finest deep blue, compact....	.80	6.00	57.50
Leonidas, bright porcelain.....	.75	5.50	52.50
Potgieter, light blue, extra fine spike, early.....	.85	5.75	55.00
Lord Derby, porcelain, compact, beautiful spike....	.80	5.50	52.50
Queen of the Blues, silvery blue, extra large spike..	1.00	6.50	62.50
<b>SINGLE YELLOW</b>			
Ball of Gold, golden yellow, large compact spike....	.75	5.50	52.50
King of the Yellows, orange; one of the finest.....	.85	6.00	57.50
La Citroniere, lemon yellow.....	.75	5.50	52.00
Yellow Hammer, golden yellow, fine forcer, showy.	.85	6.00	57.50

## DOUBLE HYACINTHS (First Size Named)

The Double Hyacinths do not produce as large spikes as the single sorts, and florists should not depend on them to give large perfect spikes.

	Doz.	100-
<b>RED AND PINK</b>		
Bouquet Royal, salmon pink, red centre.....	\$0.75	\$5.25
Bouquet Tendre, dark carmine red .....	.80	5.50
Czar Nicholas, delicate pink .....	.80	5.50
Gladstone, beautiful pink .....	.80	5.50
Lord Wellington, one of the finest pink, large bells.....	.85	5.75
Prince of Orange, light red .....	.80	5.50
<b>WHITE</b>		
Flevo, pure white .....	.80	5.50
La Tour d'Auvergne, pure white, very early.....	.80	5.50
La Virginite, blush, white .....	.75	5.00
Prince of Waterloo, pure white, large bells .....	.90	5.75
<b>BLUE</b>		
Blocksberg, light blue .....	.80	5.50
Garrick, blue, darker centre, large spike .....	.80	5.50
Mignon von Dryfhout, light blue .....	.85	5.50
Rembrandt, bright porcelain blue .....	.80	5.50
<b>YELLOW</b>		
Bouquet Orange, orange yellow .....	.80	5.50
Goethe, light yellow, one of the best .....	.80	5.50
Minerva, orange yellow, very fine .....	.80	5.50

6 Bulbs of any one variety at dozen rates; 25 at 100 rates; 250 at 1000 rates.



# MICHELL'S SECOND SIZE NAMED FORCING HYACINTHS

Also used extensively for high-class bedding. Our stock of these (like the "first size named") will be found unusually fine, from which superior results may be expected.

## OUR SELECTION OF SECOND SIZE HYACINTHS ALL GOOD VARIETIES PRODUCING LARGE SPIKES

Per 100, \$3.65; \$34.00 per 1,000

### SINGLE WHITE

	Doz.	100	1000
Alba Superbissima, pure.....	\$0.60	\$3.75	\$35.00
Baroness von Thuyll, pure.....	.60	3.50	33.50
L'Innocence, pure.....	.65	4.00	38.00
La Grandesse, pure.....	.70	4.50	41.00
Mad. van der Hoop, pure.....	.60	3.75	35.00
Mont Blanc, pure.....	.70	4.50	42.50
Queen of the Netherlands, pure.....	.60	3.75	35.00
Grandeur A'Merveille, blush.....	.60	3.50	32.50

### SINGLE BLUE

Blue Mourant, deep.....	.60	3.75	35.00
Baron van Thuyll, deep porcelain.....	.65	4.00	36.00
Chas. Dickens, light.....	.60	3.75	35.00
Czar Peter, light porcelain, fine.....	.70	4.25	40.00
Grand Maitre, bright porcelain.....	.60	3.75	35.00
King of the Blues, deep, extra large.....	.65	4.00	37.50
Leonidas, bright porcelain.....	.60	3.75	35.00

### SINGLE PINK

Baron van Thuyll, light.....	.60	3.75	35.00
Cardinal Wiseman, dark pink, splendid compact spike.....	.60	3.75	35.00
Chas. Dickens, beautiful rose, fine truss...	.60	3.75	35.00
Gertrude, bright.....	.60	3.50	33.50
Gigantea, flesh.....	.60	3.50	33.50

### SINGLE PINK—Continued

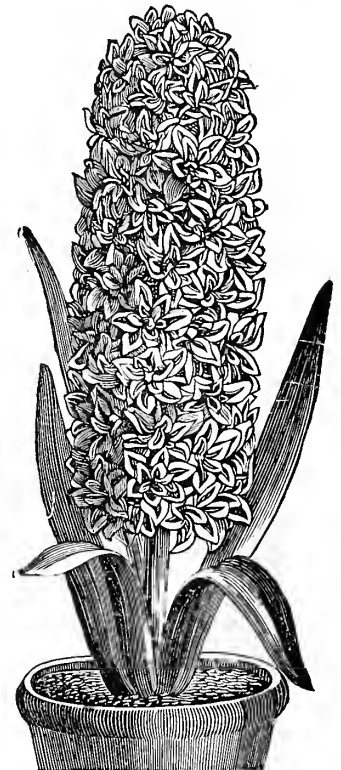
	Doz.	100	1000
Maria Cornelia, delicate pink, early, splendid forcer.....	\$0.60	\$3.75	\$35.00
Moreno, light rose.....	.60	3.75	35.00
Queen of Pinks, rich pink, immense truss very early.....	.75	5.00	47.50
Rosea Maxima, rose, fine.....	.60	3.75	36.00

### SINGLE YELLOW

Herman, orange.....	.60	3.75	35.00
Ida, lemon.....	.60	3.75	35.00

### SINGLE RED

Koh-i-noor, light, semi-double. 60c. per doz, per 100 \$3.75, \$35.00 per 1000.			
Roi des Belges, deep. 60c. per doz., per 100 \$3.50, \$33.50 per 1000.			
Queen of Hyacinths, beautiful carmine. 60c. per doz., per 100 \$3.75, \$35.00 per 1000.			
Robert Steiger, crimson. 60c. per doz., per 100 \$3.75, \$35.00 per 1000.			



Christmas Forcing Hyacinth  
Grand Lilas

## CHRISTMAS FORCING HYACINTHS (Single)

These are grown and especially cured for early forcing; they have been tried on several occasions, and were found to warrant their planting. The bulbs are of medium size and are in varieties that have a record for producing large spikes. We recommend each grower of bulbs to try a few, as Dutch Hyacinths in bloom for Christmas are a profitable novelty.

L'Innocence, pure white.

Garibaldi, brilliant carmine.

Gertrude, bright pink.

Lady Derby, rich pink.

Grand Lilas, porcelain blue.

Capt. Boynton, porcelain blue.

Prices of any of the above Christmas Forcing Hyacinths: 80c. per doz., per 100 \$5.50; \$52.50 per 1,000.

## UNNAMED HYACINTHS (for Bedding and Forcing)

Our stock of these is unusually large and fine; we recommend them for bedding only, although many florists still use them for forcing; for the latter purpose, however, we would advise the planting of the Second Sized Named Hyacinths offered above, as they seldom fail to give complete satisfaction.

### Single Flowering

	Doz.	100	1000
Red, all shades of light and dark.....	\$0.35	\$2.50	\$22.00
Pink.....	.35	2.50	22.00
Deep Red.....	.35	2.50	22.00
White, all shades of white.....	.35	2.50	22.00
Pure White.....	.35	2.50	22.00
Blush White.....	.35	2.50	22.00
Blue, all shades of light and dark.....	.35	2.50	22.00
Light Blue.....	.35	2.50	22.00
Deep Blue.....	.35	2.50	22.00
Yellow, all shades, light and dark.....	.35	2.50	22.00
All Colors. Mixed.....	.30	2.25	21.00

### Double Flowering

	Doz.	100	1000
Red, all shades of pink and red.....	\$0.45	\$2.60	\$23.50
Pink, all shades of pink.....	.45	2.60	23.50
Pure White.....	.45	2.60	23.50
Blue, all shades, light and dark.....	.45	2.60	23.50
Yellow.....	.45	2.60	23.50
Mixed, All Colors.....	.35	2.40	22.50

### TESTIMONIAL

I heard many compliments passed on the Hyacinths and Lilies that we grew here at the school from bulbs bought of you, and they really were the finest lot I have ever seen.

R. HOFFMAN,  
Gardener at Carlisle Indian School.

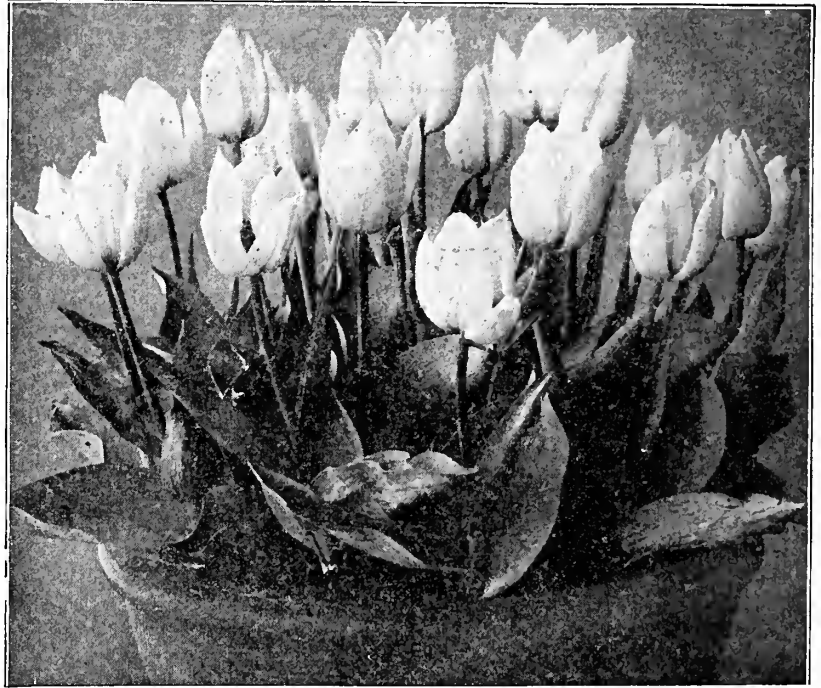
6 Bulbs of any one variety at dozen rates; 25 at 100 rates; 250 at 1000 rates.

# MICHELL'S SINGLE EARLY TULIPS

Our tulip bulbs are grown in the best districts of Holland to insure perfect development and full sized stock. Those who place their order with us may be sure of getting bulbs that will not only bloom, but also prove true to name. The figure in front of the variety denotes the approximate height, while the asterisk (\*) denotes that the variety is suited to forcing as well as bedding. Arranged according to color for easy reference.

## RED AND SCARLET VARIETIES

- 8 **Artus.** Scarlet, one of the best bedders. 20c. doz., per 100 80c., \$6.75 per 1000.
- \*10 **Belle Alliance.** The best scarlet, adapted for either forcing or bedding, very fine flower. 25c. doz., per 100 \$1.50, \$12.50 per 1000.
- 9 **Cardinal's Hat.** Deep brownish red. 15c. doz., per 100 90c., \$8.00 per 1000.
- \*10 **Couleur de Cardinal.** Bronze scarlet, a large well shaped flower of great substance. 25c. doz., per 100 \$1.65, \$15.50 per 1000.
- \*9 **Crimson King.** Crimson red; well adapted for forcing or bedding. 20c. doz., per 100 90c., \$7.50 per 1000.
- \*10 **Cramoise Brilliant.** Scarlet, early forcer. 20c. doz., per 100 \$1.15, \$10.00 per 1000.
- \*7 **Duc Van Thol, Scarlet.** 25c. doz., per 100 \$1.30, \$11.50 per 1000.
- \*7 **Duc Van Thol, Crimson.** 20c. doz., per 100 \$1.00, \$9.00 per 1000.
- \*10 **Grace Darling.** Scarlet, fine for late forcing or bedding. 40c. doz., 100 \$2.25, \$20.00 per 1000.
- 12 **Maas.** Rich scarlet, for bedding only. 30c. doz., per 100 \$1.75, \$15.00 per 1000.
- 14 **Greigii (Specie).** Bright scarlet, with a conspicuous blue blotch at the base of petals. 85c. doz., per 100 \$6.00.
- 12 **Pottebakker.** Scarlet. 25c. doz., per 100 \$1.40, \$12.25 per 1000.
- \*12 **Prince of Austria.** Orange scarlet, for either forcing or bedding. 25c. doz., per 100 \$1.35, \$12.50 per 1000.
- \*12 **Vermilion Brilliant.** Richest scarlet; the very best forcer, flower very large. 30c. doz., per 100 \$1.85, \$17.25 per 1000.
- \*14 **Thos. Moore.** Apricot orange, fine shaped flower, for forcing, early. 15c. doz., per 100 85c., \$7.00 per 1000.



White Hawk Tulip

## WHITE VARIETIES

- \*7 **Duc Van Thol (Maximus).** 15c. doz., per 100 85c., \$7.25 1000.
- 8 **Jagt Von Delft.** 15c. doz., per 100 85c., \$7.50 per 1000.
- \*9 **Joost Van Vondel, White.** Has no superior for either forcing or bedding. 35c. doz., per 100 \$2.00, \$18.50 per 1000.
- \*10 **La Reine.** Pure white, fine for forcing, at times it shows a delicate shade of pink; we have an especially good stock of this variety. 15c. doz., per 100 70c., \$6.00 per 1000.
- \*8 **L'Immaculee.** Early. 15c. doz., per 100 80c., \$6.50 per 1000.
- 12 **Pottebakker.** White. 25c. doz., 100 \$1.45, \$13.00 1000.
- \*10 **White Hawk (Albion).** Pure white, the finest in cultivation for either forcing or bedding, the slower it is forced the larger the bloom, which being of great substance will ship anywhere. 25c. doz., per 100 \$1.50, \$13.25 per 1000.

## PINK VARIETIES

- \*8 **Cottage Maid.** Pink and white; for either forcing or bedding. 15c. doz., per 100 90c., \$7.50 per 1000.
- \*7 **Duc Van Thol.** Pink. 25c. doz., per 100 \$1.25, \$10.00 per 1000.
- \*8 **Flamingo (Pink Hawk).** Fine forcer, large flower with lasting qualities. 40c. doz., per 100 \$2.50, \$23.00 per 1000.
- \*10 **Pink Beauty.** The most superb and largest pink Tulip in existence. 50c. doz., per 100 \$3.25, \$30.00 per 1000.
- 9 **Princess Wilhelmina.** Brilliant deep rose, flushed white on the outer petals. 25c. doz., per 100 \$1.50, \$12.50 per 1000.
- \*10 **Proserpine.** Fine glossy pink, very large flower. 35c. doz., per 100 \$2.25, \$21.00 per 1000.
- 9 **Queen of the Netherlands.** Beautiful soft pink, fine forcer. 25c. doz., per 100 \$1.50, \$13.50 per 1000.
9. **Rachel Ruisch.** 20c. doz., per 100 \$1.00, \$9.00 per 1000.
- \*3 **Rose Grisdelin.** Beautiful light pink, one of the best for forcing or bedding. 15c. doz., per 100 80c., \$6.50 1000.
- \*9 **Rose Luisante.** Deep pink. 25c. doz., 100 \$1.80, \$16.50 1000.
- 9 **Rosa Mundi.** Rose pink, flushed white. 15c. doz., per 100 85c., \$7.50 per 1000.



Couleur de Cardinal

6 Bulbs of any one variety at dozen rates; 25 at 100 rates; 250 at 1000 rates.



# MICHELL'S SINGLE EARLY TULIPS (Continued)

## VARIEGATED OR TWO COLORED VARIETIES

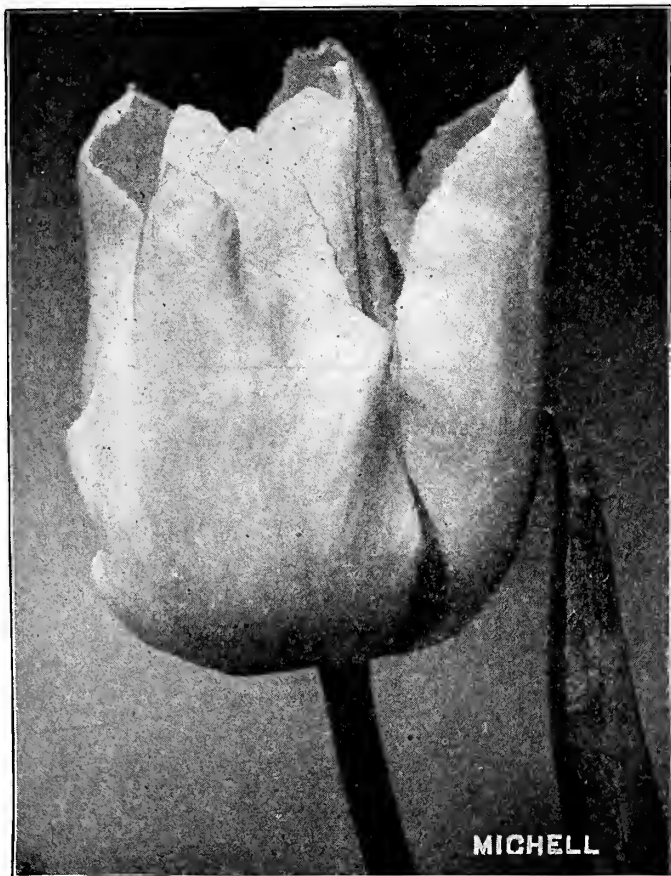
	Doz.	100	1000
9 <b>Couleur Ponceau</b> , white and red .....	\$0.20	\$1.00	\$8.50
10 <b>Duchess de Parma</b> , orange scarlet, suffused yellow edge .....	.20	.90	7.50
7 <b>Duc Van Thol</b> , red, gold striped .....	.20	1.00	9.00
7 <b>Duc Van Thol</b> , red and yellow .....	.20	1.00	9.00
8 <b>Grand Master of Malta</b> , red and white...	.25	1.60	15.00
9 <b>Joost Van Vondel</b> , glossy red, striped white	.25	1.50	13.50
*15 <b>Kaiser kroon</b> , red, with gold border; tre- mendous flowers on long erect stems, the peer of its color, for either forcing or bedding .....	.25	1.15	10.00
9 <b>Royal Standard Silver</b> , white, crimson striped .....	.25	1.40	13.50

## VIOLET

9 <b>Wouverman</b> , purple violet .....	.45	2.75	26.00
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## YELLOW VARIETIES

*10 <b>Canary Bird</b> , pure golden yellow .....	.20	1.00	8.00
10 <b>Chrysolora</b> , golden yellow. For bedding this is one of the best. The flower is large, and keeps its color well .....	.15	.80	6.50
7 <b>Duc Van Thol</b> , yellow .....	.25	1.40	12.00
*9 <b>Gold Finch</b> . Golden Sweet scented, forcing early and easily and lasts long when cut...	.20	1.00	8.75
*10 <b>Mon Tresor</b> , fine golden yellow, extra large flower, one of the best for forcing or bedding; may be had in bloom by Christmas .....	.25	1.25	10.50
<b>Ophir d'Or</b> , golden yellow, for bedding...	.20	1.15	9.50
12 <b>Pottebakker</b> , yellow .....	.20	1.00	9.00
*10 <b>Yellow Prince</b> , golden yellow .....	.15	.85	7.25



*Single Early Tulip Gold Finch.*



*Early Single Tulip Mon Tresor*

## SINGLE TULIPS EXCLUSIVELY FOR BEDDING

### SEPARATE COLORS (Unnamed)

We recommend these for bedding in places where it is desired to carry out a color scheme on an economical basis, they should not, however, be used where any special design is to be brought out, as the time of blooming and height are not exactly uniform.

	Doz.	100	1000
<b>Pink</b> , in all shades .....	\$0.20	\$0.85	\$7.00
<b>Red and Scarlet</b> , in all shades .....	.20	.85	7.00
<b>White</b> , in all shades .....	.20	.85	7.00
<b>Yellow</b> , in all shades .....	.20	.85	7.00

### SINGLE TULIPS IN MIXTURE

Our mixed tulips are made up from some of the best named sorts, THEY ARE NOT THE LEAVINGS after the good merchantable stock has been picked out. The range of color is very wide and pleasing and the bulbs are all sure bloomers.

	Doz.	100	1000
<b>Early Varieties, Fine Quality</b> .....	\$0.10	\$0.65	\$5.75
<b>Early Varieties, Superfine Quality</b> .....	.15	.80	6.75

(See next page for Single Late Tulips.)

6 Bulbs of any one variety at dozen rates; 25 at 100 rates; 250 at 1000 rates.

## MICHELL'S LATE FLOWERING TULIPS

Many of this class, especially the Darwin varieties, are now being planted by progressive florists for a supply of Spring-cut flowers. Many of the named Darwin varieties are particularly desirable when forced very slowly. The Cottage Garden varieties embrace a wide field of colors and will be found to furnish a handsome supply of cut blooms that will bring in a good revenue with little or no labor involved. We recommend especially that the solid color varieties be planted for florist use. The figures in front of the variety denote the approximate height in inches when in bloom outdoors.

### Darwin Varieties (All Single Flowering)

	Doz.	100	1000
24. <b>Baronne de la Tonnaye.</b> Vivid rose, one of the best forcers.....	\$0.30	\$2.00	\$19.00
20. <b>Clara Butt.</b> Soft rose, extra fine forcer.....	.25	1.80	17.00
22. <b>Europe.</b> Fine scarlet, blue base, forcer....	.45	2.75	25.00
24. <b>M. Farncombe Sanders.</b> Bright scarlet, forcer .....	.50	3.25	30.00
23. <b>Glow.</b> Scarlet-margined white, blue centre .....	.40	2.25	20.00
18. <b>Gretchen.</b> Soft salmon rose, good forcer .....	.25	1.50	12.00
18. <b>Harry Veitch.</b> Crimson violet with white centre, forcer.....	.25	1.75	16.50
18. <b>Kate Greenaway.</b> White spotted lilac....	.35	2.00	17.50
20. <b>May Queen.</b> Soft rose, very large.....	.30	1.85	17.00
22. <b>Nora Ware.</b> Delicate lilac, shaded bronze .....	.40	2.50	22.50
24. <b>Pride of Haarlem.</b> Glossy pink, resembles Proserpine; forcer.....	.45	2.50	22.50
20. <b>Rev. H. Ewbank.</b> Light heliotrope; good for forcing.....	.60	3.50	32.50
20. <b>Sultan.</b> Very dark, almost black.....	.25	1.20	11.00
22. <b>White Queen.</b> Creamy white, tinted rose .....	.40	2.25	20.00
24. <b>Wm. Pitt.</b> Rose crimson, blue centre....	.40	2.50	22.50
<b>Darwin Mixed, All Colors.....</b>	.20	1.15	10.25

### Parrot or Dragon Tulips—Continued

**Constantinople.** Orange scarlet, with black markings in centre.  
**Gloriosa.** A very showy orange and red sort.

**Lutea Major.** Very large, bright yellow striped.

**Markgraaf of Baden.** Large yellow, striped scarlet and green.  
**Preciosa.** Scarlet, slightly striped yellow.

Price of any of the above-named Parrot Tulips, 20c. doz., per 100 \$1.00, \$9.00 per 1000.

**Mixed** in all colors. This mixture is carefully blended and contains only the choicest sorts. 15c. per doz., per 100 85c., \$7.50 per 1000.

### Late Tulips in Mixtures

**Bizarres.** A peculiar combination of colors, principally yellow ground with markings and stripings of red, white and orange. Per doz., 15c.; 90c. per 100; per 1000, \$8.00.

**Bybloemen.** A wide range of shadings and combinations of white, scarlet pink and crimson. Per doz., 15c.; \$1.00 per 100; \$9.00 per 1000.

**Single Superfine Mixed.** This mixture embraces almost every type of single late tulip and we can recommend them highly for planting in places where a fine show is desired. Per doz., 15c.; 85c. per 100; per 1000, \$7.50.

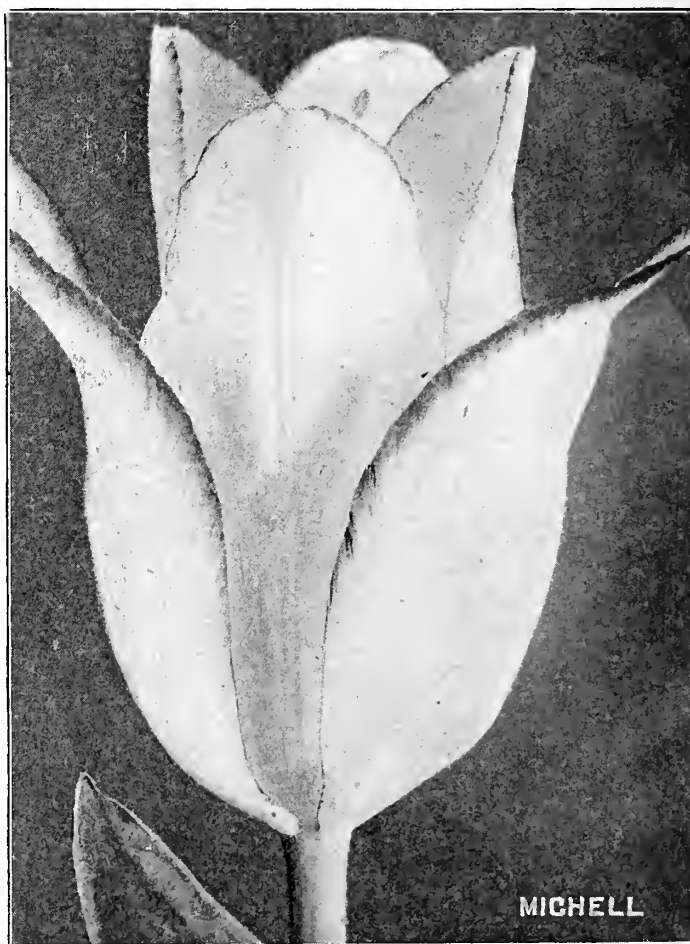
**Double Superfine Mixed.** In all colors. Many prefer the double tulips as they last longer than the single sorts. 3c. each; per doz., 20c.; \$1.00 per 100; per 1000, \$8.00.

### May-Flowering or Cottage Garden Varieties

	Doz.	100	1000
All single flowering except where noted.			
18. <b>Bouton d'Or</b> (Golden Beauty or Ida). Golden yellow.....	\$0.20	\$1.15	\$10.00
10. <b>Blue Flag</b> (Double). Attractive rich violet blue.....	.45	3.00	27.50
24. <b>Gesneriana Spathulata.</b> Rich scarlet, blue-black centre.....	.20	1.20	10.00
24. <b>Gesneriana Rosea.</b> Rich rosy carmine....	.20	1.10	9.00
18. <b>Golden Crown.</b> Pure yellow, with narrow red margin.....	.20	.90	8.00
12. <b>Greigii.</b> Brilliant orange with blotched centre .....	.90	6.50	
16. <b>Inglescombe Scarlet.</b> Brilliant vermilion with a black centre; grand for cutting....	.35	2.00	18.50
15. <b>La Merveille.</b> Beautiful orange carmine.....	.20	1.00	9.00
8. <b>Paeony Red</b> (Double). Scarlet; an ideal sort for bedding, with yellow rose.....	.20	1.10	10.50
20. <b>Picotee</b> (Maiden's Blush). White, with distinct edged border. Very fine variety .....	.25	1.20	10.00
21. <b>Rosalind.</b> Glistening pink, white centre....	.20	1.15	10.00
12. <b>Sarah Bernhardt</b> (Habbema or Le Reve). Exquisite soft rose, shaded apricot.....	.60	3.75	35.00
16. <b>Shandon Bells</b> (Isabella or Blushing Bride). Carmine pink, shaded creamy white .....	.20	1.00	9.00
20. <b>Striped Beauty</b> (Summer Beauty). Rich rose, flaked deep crimson.....	.35	2.25	20.00
9. <b>Yellow Rose</b> (Double). Pure yellow; especially suitable for bedding with Paeony Red.....	.15	.90	7.75

### Parrot or Dragon Tulips

These belong to the late-flowering class, and, on account of their peculiar markings and shadings, are much in demand. They are curiously curled and crested. They are fine for bedding and border planting. Excellent to use as cut blooms. They usually bring a good price. We offer first size bulbs only in Parrot Tulips; sure to bloom.



Late Tulip. Picotee.

6 Bulbs of any one variety at dozen rates; 25 at 100 rates; 250 at 1000 rates.



# MICHELL'S DOUBLE EARLY TULIPS

THE NUMBER BEFORE THE VARIETY INDICATES THE HEIGHT.



*Double Tulip—Couronne d'or*

8	<b>Cochineal.</b> Brilliant scarlet; splendid forcer and bedder.....	Doz.	100	1000
		\$0.35	\$1.75	\$16.00
10	<b>Couronne d'Or.</b> A handsome rich yellow variety; forcer.....	.25	1.75	16.00
9	<b>Couronne des Roses.</b> Bright, early pink; forcer .....	.40	2.25	21.00
7	<b>Duc Van Tholl.</b> Red with a yellow border; suitable for bedding or late forcing only .....	.12	.85	7.50
9	<b>Duke of York.</b> Red with white border; bedding only.....	.15	.95	8.50
9	<b>Gloria Solis.</b> Bright scarlet with deep yellow border; excellent for bedding or forcing .....	.20	1.20	10.25
9	<b>Imperator Rubrorum.</b> Brilliant scarlet; especially adapted to forcing while it makes a handsome effect when used for bedding.....	.25	1.60	14.50
8	<b>La Candeur.</b> Very large, pure white; for forcing or bedding.....	.20	1.15	9.25
8	<b>Le Blason.</b> Bright pink; for bedding only .....	.25	1.15	9.00
7	<b>Murillo (True).</b> A very large pink sort, suffused with white; one of the best forcers .....	.20	1.00	8.25
8	<b>Paeony Red.</b> Very dark scarlet, blooms very late and is a good companion to Yellow Rose; it will not force.....	.20	1.10	10.50
8	<b>Rex Rubrorum.</b> Deep scarlet; for forcing or bedding.....	.25	1.40	12.25
8	<b>Rose Blanche.</b> Pure white; suitable for bedding or forcing.....	.15	.85	8.00
8	<b>Rubra Maxima.</b> Dazzling scarlet; early forcer and good bedder.....	.25	1.40	12.50
8	<b>Salvator Rosa.</b> An improvement on Murillo, which it very much resembles....	.25	1.75	15.50
8	<b>Tea Rose.</b> Salmon yellow similar in shade to the Marechal Niel Rose.....	.60	3.50	30.00
8	<b>Titian.</b> Red with a yellow border; good for bedding but not for early forcing...	.25	1.45	13.00

8	<b>Toreador (New).</b> A handsome rich orange it should be included in every collection of forcing tulips.....	Doz.	100	1000
		.45	2.75	25.00
8	<b>Tournesol. Red and Yellow;</b> for forcing and bedding.....	.30	1.90	17.50
8	<b>Tournesol. Orange Yellow;</b> forces readily and is most desirable for cutting or pan culture.....	.25	1.60	14.50
8	<b>Vuurbaak.</b> Rich scarlet, for forcing and bedding .....	.25	1.55	14.00
9	<b>Yellow Rose.</b> Blooms quite late outdoors and should not be planted with any other sort but Paeony Red; it also will not force .....	.15	.90	7.75

## DOUBLE UNNAMED TULIPS (Separate Colors)

These are very valuable for solid color bedding where no particular design is to be carried into effect and where expense is considered. Not suited for forcing.

	Doz.	100	1000
<b>Pink,</b> in all shades.....	\$0.15	\$0.90	\$8.00
<b>Red,</b> in all shades.....	.15	.90	8.00
<b>White,</b> in all shades.....	.15	.90	8.00
<b>Yellow,</b> in all shades.....	.15	.90	8.00

## MICHELL'S EARLY DOUBLE MIXED TULIPS

These mixtures are carefully blended with the choicest varieties taken from the named sorts. The bulbs are selected for size, and the mixture represents a grand array of colors.

	Doz.	100	1000
<b>Fine Quality</b> .....	\$0.12	\$0.75	\$6.50
<b>Superfine Quality</b> .....	.15	.85	7.50

For Double Late Mixed Tulips see page 6.



*Double Tulip—Salvator Rosa*

## TESTIMONIAL

3/24/13.

*I was well pleased with the Tulips and Hyacinths received from you last fall. They were the finest and largest I ever had.*

*Windber, Pa.*

*J. Y.*

6 Bulbs of any one variety at dozen rate ; 25 at .100 rate ; 250 at 1000 rate



# MICHELL'S NARCISSUS

## SINGLE NARCISSUS

**Albicans.** "Giant Spanish Daffodil," perianth pure white with a large prominent primrose trumpet, shading towards white. It is a handsome flower in every way. 30c. per doz., per 100 \$1.50, \$13.00 per 1000.

**Ard Righ (or Irish King).** A very early pure yellow sort, well adapted for forcing and pot culture. Height about 12 in. 35c. per doz., per 100 \$2.00, \$19.00 per 1000.

**Barrii Conspicuus.** A beautiful flower with large spreading yellow perianth; the crown or cup is orange scarlet; free bloomer; best suited to outdoor culture. Height about 20 in. 20c. per doz., per 100 75c., \$6.50 per 1000.

**Bicolor Grandee.** Flowers very large with pure white petals, with yellow trumpet; flowering late. Height about 12 in. Fine for cutting. Best for outdoor culture. 20c. per doz., per 100 \$1.00, \$9.00 per 1000.



*Narcissus Burbidgei*

**Burbidgei.** The earliest flowering Poeticus type, pure white, with a red edged cup, for outdoor planting only. 10c. per doz., per 100 75c., \$6.50 per 1000.

**Biflorus.** A class of Poeticus, flower white and yellow, adapted for outdoor culture only. 12c. per doz., per 100 75c., \$7.00 per 1000.

**Bicolor Victoria.** Pure white perianth with yellow trumpet, an extra large flower, suitable for forcing or bedding. *First size bulbs*, 25c. per doz., per 100 \$1.40, \$12.75 per 1000.

**Bicolor Victoria (Monster Bulbs).** 35c. doz., per 100 \$2.00 \$18.00 per 1000.

**Cynosure.** Perianth primrose, cup orange scarlet. A fine variety for cutting. Height about 12 in. 15c. per doz., per 100 75c., \$6.00 per 1000.



*Single Narcissus Emperor*

**Emperor.** This is the grandest of all single daffodils. The flower is pure yellow of gigantic size. It may well be termed the King of Daffodils. Excellent for forcing or bedding. Height about 20 in. 30c. per doz., per 100 \$1.50, \$13.50 per 1000.

**Emperor Monster Bulbs.** 40c. per doz., per 100 \$2.00, \$18.50 per 1000.

**Empress.** A beautiful sort, with yellow trumpet and pure white perianth; flower almost as large as Emperor. It is the finest of the two-color daffodils; suited to either forcing or bedding. Height 20 in. 30c. per doz., per 100 \$1.50, \$13.50 per 1000.

**Empress Monster Bulbs.** 40c. per doz., per 100 \$2.00, \$18.50 per 1000.

**Figaro.** Yellow perianth with orange yellow cup, beautifully formed flowers, especially recommended for bedding. 15c. per doz., per 100 85c., \$7.00 per 1000.

### TESTIMONIAL FROM ALABAMA

The shipment of bulbs arrived in good condition and are very satisfactory indeed. D. REICHENBACK, Florist Cullman, Ala.

6 Bulbs of any one variety at dozen rates; 25 at 100 rates; 250 at 1000 rates.



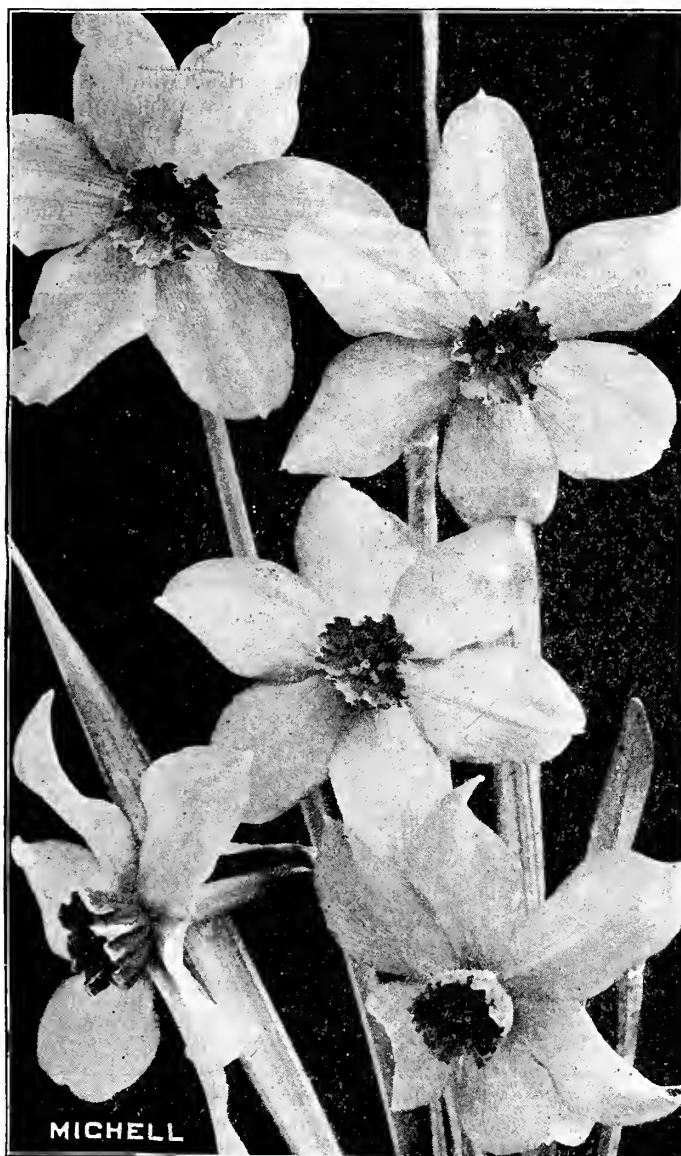
**Giant Princeps.** A very early sort for forcing and outdoor planting; trumpet, pure yellow with sulphur-white perianth. Height about 15 in. 20c. per doz., per 100 90c., \$7.50 per 1000.

**Glory of Leiden.** Giant pure yellow for forcing or bedding. One of the finest daffodils in existence. Per doz. \$1.25, \$7.50 per 100, per 1000 \$66.50.

**Golden Spur.** Pure yellow, very bold and striking; early and free flowering; excellent for forcing. Height about 20 in. First Size Bulbs, 25c. per doz., per 100 \$1.50, \$13.00 per 1000. Giant Bulbs, 35c. per doz., per 100 \$2.00, \$19.25 per 1000.

**Golden Spur. Extra early strain.** Especially desirable for Christmas and New Year's flowering. In experiments with us it flowered ten days to two weeks earlier than the Dutch strain. First size bulbs, 30c. per doz., per 100 \$2.00, \$18.00 per 1000.

**Henry Irving.** A very symmetrical golden yellow variety; fine for pot or garden culture. Height about 18 in. 25c. per doz., per 100 \$1.50, \$13.50 per 1000.



*Narcissus Leedsii*—Mrs. Langtry

**Mrs. Langtry.** A very free flowering sort, several flowers being produced on one bulb; perianth broad, pure white, with white cup edged yellow; excellent for cutting. Height about 12 in. 15c. per doz., per 100 75c., \$6.50 per 1000.

**Madame de Graaf.** A fine, very large pure white trumpet daffodil, the grandest of its color and type. \$1.00 per doz., per 100 \$6.50, \$62.50 per 1000.

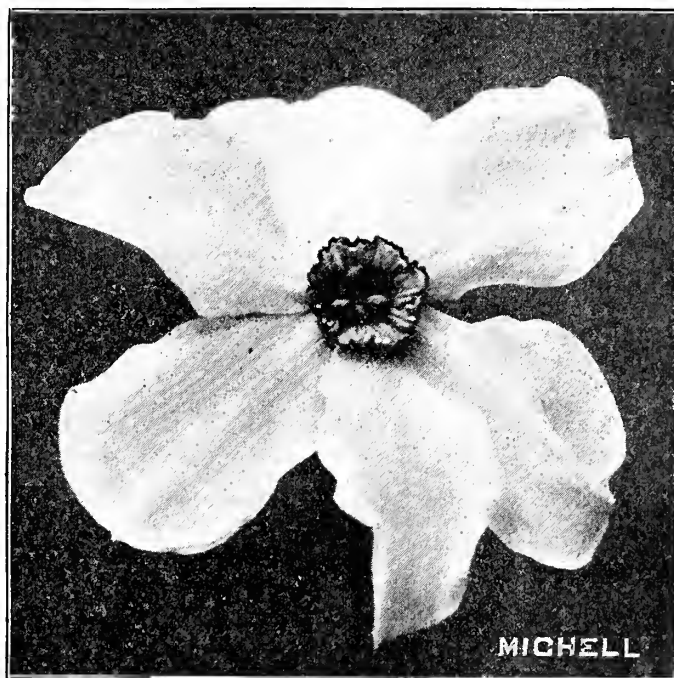
**Hoop Petticoat** (*Bulbocodium Narcissus*). This is a small diminutive flower, yet very attractive; color, exquisite golden yellow. It shows off to best advantage when planted in bulb pans; when in flower it presents a blaze of showy yellow. They are dwarf and consequently not suited for cutting, but are excellent for table decorations. Each bulb produces 6 to 8 flowers. Height about 6 in. 35c. per doz., per 100 \$2.00, \$18.00 per 1000.

**Horsfieldi.** A variety very much like Empress; very early and free-flowering. It makes a fine cut flower; suitable principally for outdoor culture; perianth pure white with yellow trumpet. 25c. per doz., per 100 \$1.35, \$12.00 per 1000.

**Incomparable Stella.** The earliest white and yellow variety to bloom outdoors; the flower is somewhat star-shaped; perianth pure white, with deep yellow cup. Fine for planting in borders or masses; suitable for late forcing. Height about 12 in. 15c. per doz., per 100 75c., \$6.25 per 1000.

**King Edward VII** (*Almira*). An improved type of Poeticus, very desirable for outside planting; white, with scarlet eye. 30c. doz., per 100 \$2.00, \$17.50 per 1000.

**Obvallaris** (Tenby Daffodil). Giant pure yellow, extensively used for outdoor planting, handsome trumpet and perianth. 25c. per doz., per 100 \$1.25, \$11.00 per 1000.



*Narcissus Poeticus Ornatus* (Natural Size)

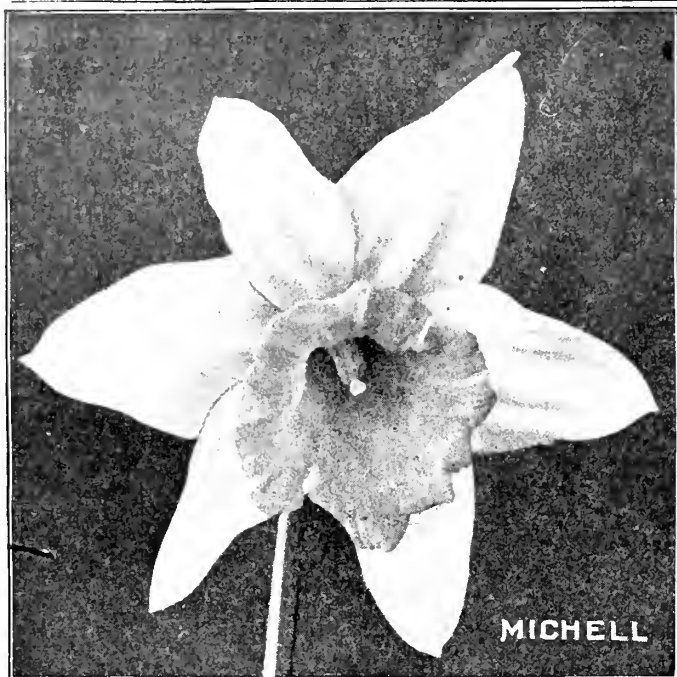
**Poetaz Elvira.** A type of small flowering cluster narcissus, used extensively for forcing; white with yellow centre. 35c. doz., per 100 \$2.00; \$18.00 per 1000.

**Poeticus Ornatus.** An improvement on the regular Poeticus, being fully two weeks earlier; also suited to forcing; the height and appearance of the flower is much like the regular variety. First size bulbs. 12c. per doz., per 100 65c., \$5.50 per 1000.

**Poeticus Ornatus.** Mammoth bulbs. 15c. per doz., per 100 85c., \$7.50 per 1000.

**Poeticus** (Pheasant's Eye). A pure white small flowering type with scarlet eye; they are very fragrant, and are valuable for cut flowers; they bloom quite late and are not suited to forcing; fine for naturalizing or planting in clumps. Height about 15 in. 10c. per doz., per 100 65c., \$5.50 per 1000.

**Sir Watkin.** Sometimes called chalice flower. The bloom is very large, measuring often 5 in. in diameter; perianth, golden yellow with a deep cup or crown; excellent for forcing. Height about 20 in. 25c. per doz., per 100 \$1.50, \$13.00 per 1000.

*Narcissus Trumpet Major*

### 1 SINGLE NARCISSUS (Continued)

**Trumpet Major** (Dutch grown). A grand, pure yellow trumpet type; excellent for early forcing or for planting outdoors. Height, about 16 in. 18c. per doz., per 100 \$1.00, \$9.00 per 1000.

**Trumpet Major** (Christmas Flowering). French grown. For very early forcing these are excellent and command a big price. We import mammoth bulbs only, as the first size do not bloom satisfactorily. 25c. per doz., per 100 \$1.50, \$13.00 per 1000.

**Wm. Goldring.** A pure white trumpet variety, one of the best of its class. 30c. per doz., per 100 \$1.40, \$12.00 per 1000.

**Single Mixed Narcissus.** For outdoor planting. 12c. per doz., per 100 65c., \$6.00 per 1000.

### CHINESE SACRED LILY BULBS

We import these direct from China, where we get the selection of fine, sound bulbs. These sell readily on the store counter, and yield a handsome profit. We would recommend to force a few into flower, which can be done in about five weeks, and place the bulbs you desire to sell on the counter, with the blooming plant.

*Chinese Lilies*

**Regular Size Bulbs.** 60c. per doz., per basket (30 bulbs) \$1.10, \$4.00 per bale (120 bulbs), \$32.00 per 1000.

**Mammoth Size Bulbs.** \$1.00 per doz., per basket (30 bulbs) \$2.00, \$7.50 per bale (120 bulbs), \$57.50 per 1000.

### GOLDEN CHINESE LILIES

Pure golden yellow, very fragrant. 30c. per doz., per 100, \$2.00.

### PEBBLES FOR CHINESE LILIES

40c. per doz. quart pkges., per 100 \$3.00; not less than 50 at 100 rate.

6 Bulbs of any one variety at dozen rate, 25 at 100 rate, 250 at 1000 rate

### SWEET SCENTED JONQUILS

These are perfectly hardy and are suitable for either outdoor planting or forcing. They are delightfully fragrant, and are worthy of extensive cultivation.

**Single Jonquils.** Rich yellow, very fragrant; height, 12 inches. 10c. per doz., per 100 55c., \$4.50 per 1000.

**Double Jonquils.** Flowers very double, deep golden-yellow; height, 12 inches. 25c. per doz., per 100 \$1.35, \$13.00 per 1000.

**Campernelle.** Single yellow; a grand forcer. 10c. per doz., per 100 65c., \$5.50 per 1000.

**Campernelle Rugulosus.** Single yellow; larger than the plain Campernelle. 12c. per doz., per 100 75c., \$6.00 per 1000.

### POLYANTHUS NARCISSUS

The flowers are produced in clusters, like the illustration below and they are delightfully fragrant. All of them are suitable for forcing.

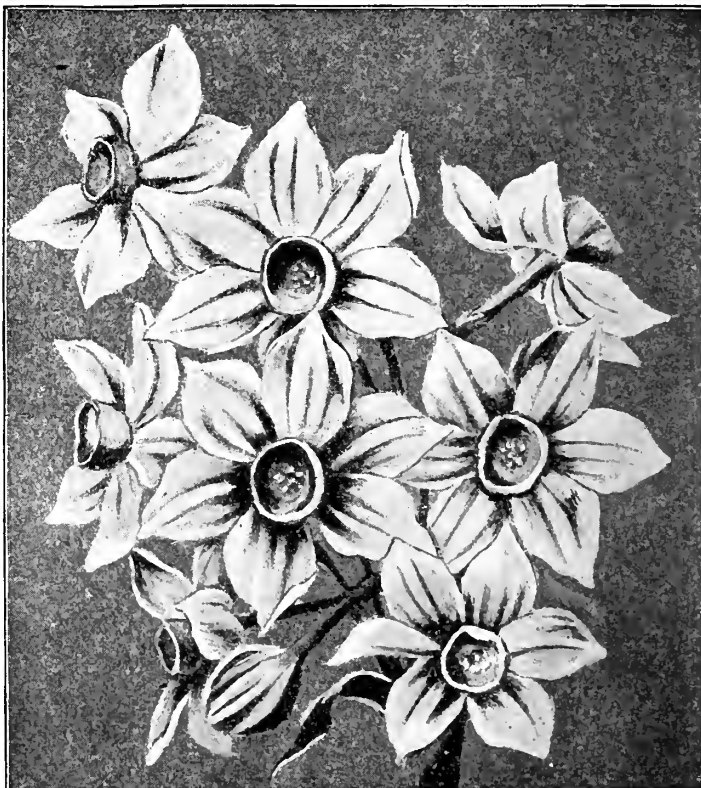
**Double Roman.** White perianth, with an orange and yellow suffused cup; very free flowering and early. 20c. per doz., per 100 \$1.25, \$10.00 per 1000.

**Gloriosa.** A very showy type, with white perianth and orange-yellow cup; very pretty. 30c. per doz., per 100 \$1.60, \$14.00 per 1000.

**Grand Monarque.** Large, broad, white perianth with a primrose-yellow cup; a very striking flower. 25c. per doz., per 100 \$1.50, \$14.25 per 1000.

**Grand Soleil d'Or.** Rich yellow, with deep red cup. For cutting this is a fine variety, as it makes a grand show. 30c. per doz., per 100 \$1.75, \$16.00 per 1000.

**Polyanthus Narcissus, Mixed.** All colors and varieties. These will be found a good investment for pot or pan culture. They are low in cost and this mixture contains some of the highest-priced sorts. 20c. per doz., per 100 \$1.10, \$9.00 per 1000.

*Narcissus Paper White Grandiflora*

**Paper White Grandiflora, First Size Bulbs.** 13 ctm. and up. Pure white flower; used extensively for forcing. 20c. per doz., per 100 \$1.00, \$8.50 per 1000, per case of 1,250 bulbs \$10.60. (5,000 for \$42.00.) (10,000 for \$82.50.)

**Paper White Grandiflora, Monster Bulbs.** 30c. per doz., per 100 \$1.30, \$10.75 per 1000. (5,000 for \$52.50.)

**Paper White Grandiflora Giant Bulbs.** 35c. per doz., per 100 \$1.60, \$13.50 per 1000.

**Paper White (Plain).** 15c. per doz., per 100 90c., \$7.50 per 1000.

**White Pearl.** Large pure white. 30c. per doz., per 100 \$1.75, \$15.00 per 1000.



# MICHELL'S DOUBLE NARCISSUS OR DAFFODILS

The Narcissus or Daffodil is becoming more popular every year. It is hardy in every way and thrives most anywhere. For naturalizing in woods and fields, nothing equals them. When once established they multiply rapidly and in a short time cover tremendous areas. Our Narcissus bulbs are all grown on contract by the most reliable producers in Europe, and customers may depend upon getting strictly first-class goods. We offer the best and largest bulbs only.

**Alba Plena Odorata.** A very sweet-scented pure white variety called Double Poet's Narcissus; it flowers later than many of the other daffodils, and is not desirable for forcing. It makes a handsome show bedded among perennial plants and shrubbery; height about 15 in. 15c. per doz., per 100 80c., \$6.75 per 1000.

**Incomparable Double.** On account of the peculiar suffusion of the colors in the flower, this variety is also known as "Butter and Eggs." The color is yellow and orange and makes an attractive cut bloom. Its greatest value is for outdoor planting as it does not force so well. Height about 16 in. 15c. per doz., per 100, 95c. \$8.50 per 1000.

**Orange Phoenix.** A variety similar to the above, except for coloring, which is a light yellow, almost white, with a yellow centre. It is splendid for forcing or pot culture. It is also called "Eggs and Bacon." Height about 16 in. 18c. per doz., per 100 \$1.15, \$10.00 per 1000.

**Sulphur (or Silver) Phoenix.** Flowers very large, of a bluish-white; the centre is exceptionally sulphur colored; excellent for forcing or outdoor planting. Height about 18 in. 25c. per doz., per 100 \$1.40, \$12.00 per 1000.

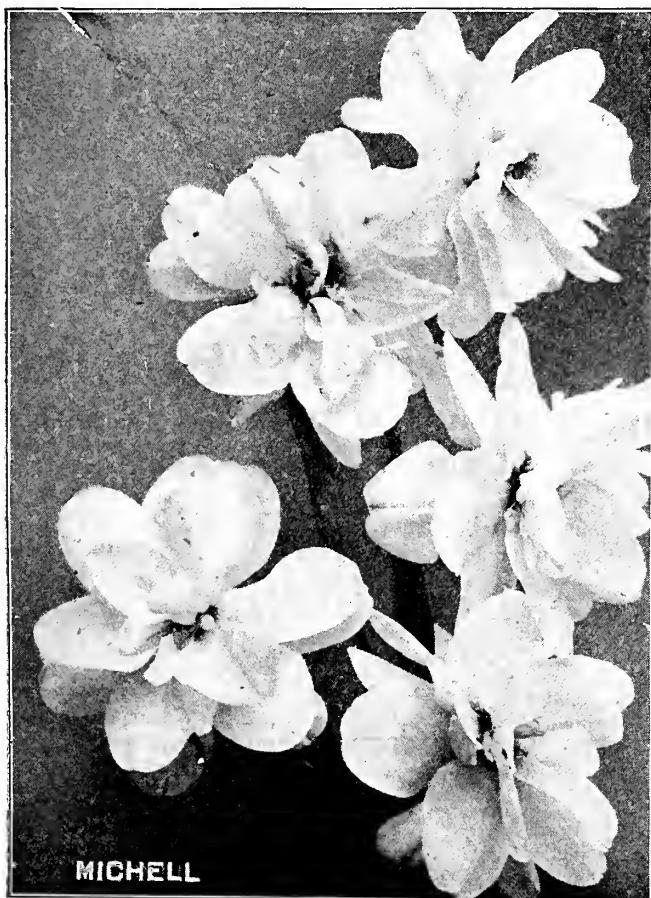


*Double Narcissus. Monster Von Sion*

**Von Sion.** (*Telamonius Plenus*.) The true double daffodil. Our stock of these comes from one of the largest daffodil producers in Holland. The color is a pure golden yellow entirely free from green-tipped flowers, which are often found in cheap grades of bulbs. For forcing or outdoor planting it has no equal in the daffodil line. It should be planted extensively in woods and fields for naturalization. Height about 15 in.

	Doz.	100	1000	5000
First Size Bulbs .....	\$0.25	\$1.50	\$13.50	\$63.75
Double Nose Mammoth Bulbs .....	.35	2.25	20.00	97.50
Monster Bulbs, producing three or more flowers per bulb .....	.45	3.00	27.50	

**Double Mixed Narcissus.** All shades, varieties and colors. A quantity of these make a handsome investment, and at the low price at which they are offered, should be planted extensively. The mixture embraces some of the most expensive types. Do not force the mixed narcissus. 15c. per doz., per 100, 80c., \$7.00 per 1000.



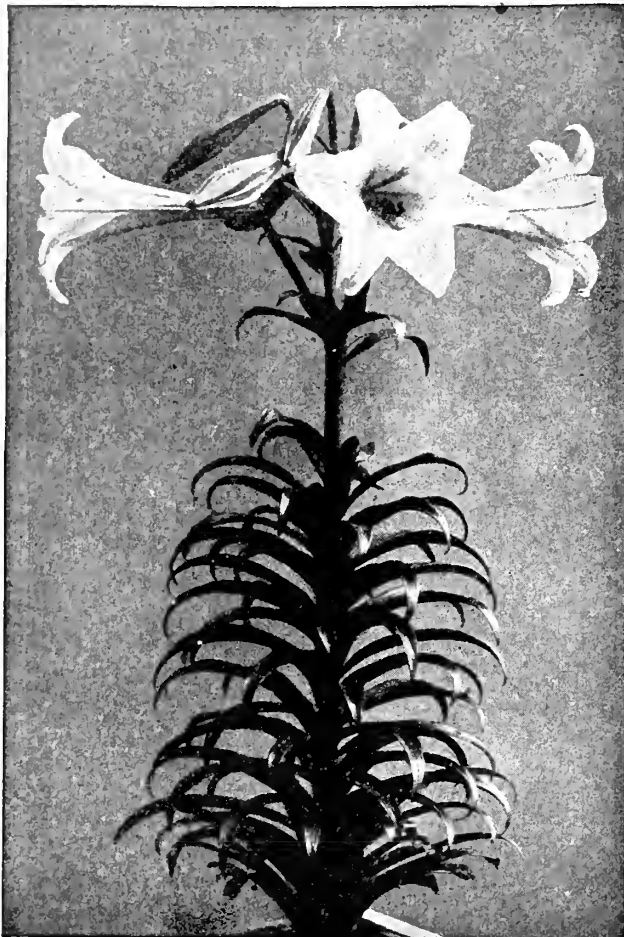
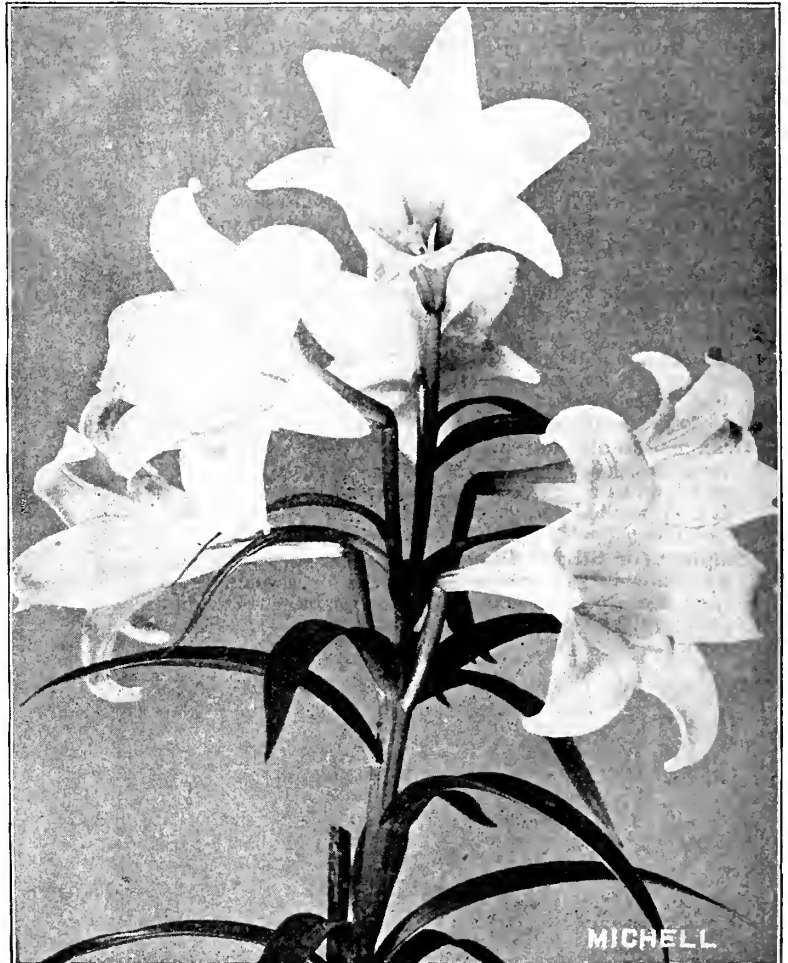
*Double Narcissus Alba Plena Odorata.* (See description above)

6 Bulbs of any one variety at dozen rate, 25 at 100 rate, 250 at 1000 rate



# 23 YEARS OF SUCCESS IN BULB SELLING

# EASTER IN 1914 COMES APRIL 12th

*Lil. Harrisii (Michell's Special Brand)**Lil. Formosum*

## MICHELL'S SUPERB EASTER LILY BULBS

### LILIUM HARRISII (Michell's Special Brand)

By special brand we mean Lilies that have been grown, harvested and packed especially for us. They are the cream of the Bermuda Lily Crop, being a selection of the most uniform bulbs gathered in districts where the smallest amount (if any) disease exists. Every year the florists are making greater demands for this particular strain and we advise ordering early.

Size	Number of Bulbs per Case	Per Doz.	Per 100	Per 1000
5 to 7 inches.....	400.....	\$0.75	\$4.50	\$42.00
6 to 7 inches.....	335.....	1.00	5.75	52.50
7 to 9 inches.....	200.....	1.50	9.50	85.00
9 to 11 inches.....	100.....	3.00	22.00	210.00

### LILIUM HARRISII (Regular Brand)

Size	Number of Bulbs per Case	Per Doz.	Per 100	Per 1000
5 to 7 inches.....	400.....	\$0.70	\$4.00	\$37.00
6 to 7 inches.....	335.....	.85	5.50	47.50
7 to 9 inches.....	200.....	1.30	9.00	80.00
9 to 11 inches.....	100.....	3.00	20.00	195.00

### LILIUM FORMOSUM (Regular Green Stem Strain)

This is a favorite type of Easter Lilies which proved so very satisfactory the last few years, desirable for early forcing. The green stem variety is desirable for flowering in January, February and March. Dark stem for March and April bloom; crop is short, therefore immediate ordering would be advisable.

Bulbs in each Case	Per Doz.	Per 100	Per 1000
6 to 8 inches.....400.....	\$0.60	\$4.50	\$40.00
7 to 9 inches.....300.....	1.00	6.75	60.00
8 to 10 inches.....250.....	1.30	8.50	80.00
9 to 10 inches.....200.....	1.50	9.25	85.00
10 to 12 inches.....150.....	2.00	14.50	130.00
12 to 14 inches.....100.....	2.50	17.00	160.00

### LILIUM FORMOSUM (Dark Stem Type)

This strain has given unusual satisfaction for the past four years. Our stock is from the introducer and can be relied upon for purity.

Bulbs in each Case	Per Doz.	Per 100	Per 1000
6 to 8 inches.....400.....	\$0.70	\$4.50	\$42.00
7 to 9 inches.....300.....	1.10	7.00	65.00
8 to 10 inches.....250.....	1.50	9.00	85.00
9 to 10 inches.....200.....	1.60	10.00	95.00
10 to 12 inches.....150.....	2.25	15.00	140.00

6 Bulbs of any one variety at dozen rates; 25 at 100 rates; 250 at 1000 rates.



# MICHELL'S JAPANESE EASTER LILY BULBS

**READY IN OCTOBER**

## LILIUM LONG. GIGANTEUM

### MICHELL'S SPECIAL BRAND

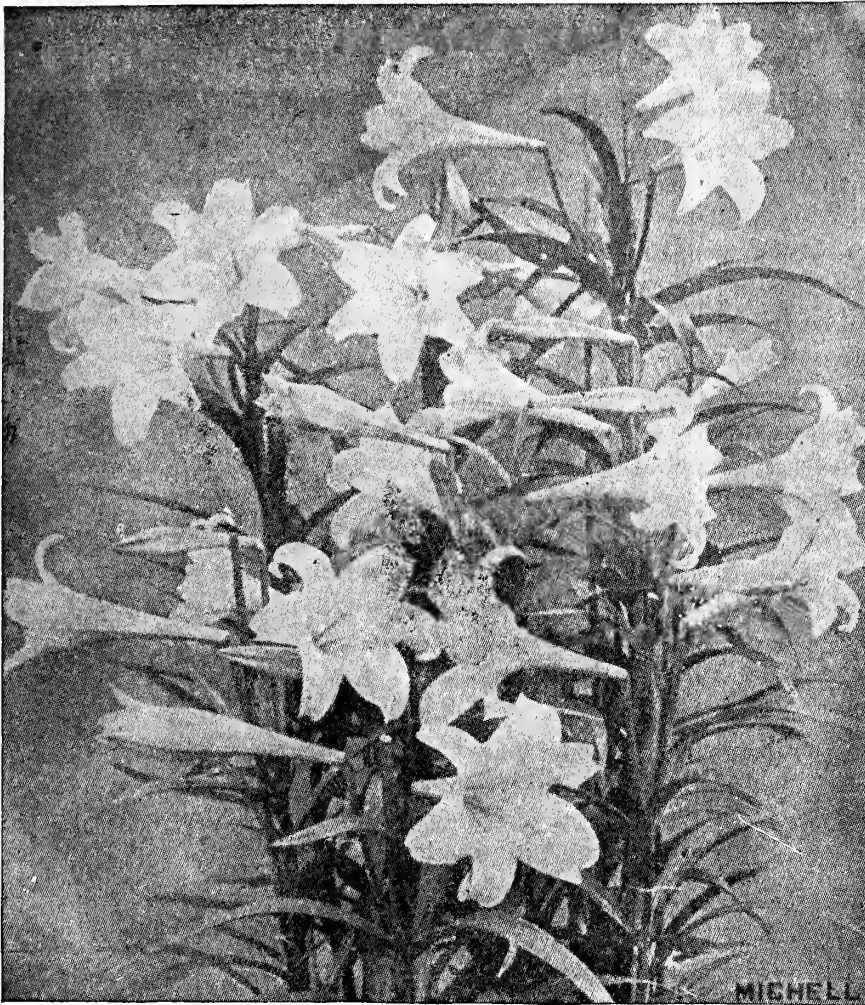
This special strain can be relied upon for best results. Grown for us by the most reliable Lily grower in Japan, who carefully selects all his stock.

Inches	Bulbs per Case	Per Doz.	100	1000
6 to 8.....	400.....	\$0.65	\$4.00	\$37.50
7 to 9.....	300.....	1.00	6.25	57.50
8 to 10.....	225.....	1.50	9.50	90.00
9 to 10.....	200.....	1.75	10.75	100.00
10 to 12.....	150.....	2.50	16.00	150.00

## LILIUM LONG. GIGANTEUM

### REGULAR STRAIN

Inches	Bulbs per Case	Per Doz.	100	1000
6 to 8.....	400.....	\$0.60	\$4.00	\$36.00
7 to 9.....	300.....	.90	6.00	52.50
8 to 10.....	225.....	1.30	9.00	82.50
9 to 10.....	200.....	1.50	10.50	95.00
10 to 12.....	.....	2.25	15.00	140.00



## LILIUM LONG. MULTIFLORUM

This is the free flowering variety of Japan Easter Lilies and is grown extensively. We will send out only thoroughly ripened bulbs from the cleanest fields in Japan.

### MICHELL'S SPECIAL QUALITY

These are an extra selection from the finest bulbs in Japan. The stock has been very carefully rogued and all weaklings and otherwise undesirable looking bulbs have been discarded. **These should suit the Critical Florist.**

	Bulbs in each Case	Per Doz.	Per 100	Per 1000
6 to 8 inches.....	400.....	\$0.60	\$3.75	\$33.50
7 to 9 inches.....	300.....	.90	6.25	55.00
8 to 10 inches.....	250.....	1.25	8.50	80.00
9 to 10 inches.....	200.....	1.40	9.75	90.00

### FIRST QUALITY MULTIFLORUM

	Bulbs in each Case	Per Doz.	Per 100	Per 1000
6 to 8 inches.....	400.....	\$0.55	\$3.50	\$30.00
7 to 9 inches.....	300.....	.85	5.75	50.00
8 to 10 inches.....	250.....	1.10	7.75	72.50
9 to 10 inches.....	200.....	1.25	8.75	81.00
10 to 12 inches.....	150.....	1.75	13.50	122.50

### TESTIMONIAL

The 6,000 Michell's Special Quality Multiflorum bought last season proved remarkably vigorous. Of course we gave them proper culture, also supplied them with **the right stimulants at the right time.** The flowers were of large size and of great substance, the whole crop being superior to anything we ever had in lilies for purity and general satisfaction.

WM. DONAGHY, Florist.

## COLD STORAGE LILIES (Ready now)

For forcing in all seasons, they bloom in 12 to 14 weeks. Every progressive florist should, from time to time, force a batch of these, as they are money-makers.

**Important Note.**—Always unpack immediately all cold storage Lilies on arrival. We forward these bulbs by express. If desired by freight, they travel at purchaser's risk.

### COLD STORAGE LILIUM GIGANTEUM

Extensively grown for Thanksgiving and Christmas.

Size	No. of Bulbs per case	Per case	Per 100	Per 1000
6-8	350	\$19.25	\$6.50	\$55.00
7-9	250	18.75	8.50	75.00
7-9	300	22.50	8.50	75.00
8-10	200	18.00	9.50	85.00
9-10	200	21.00	11.00	100.00

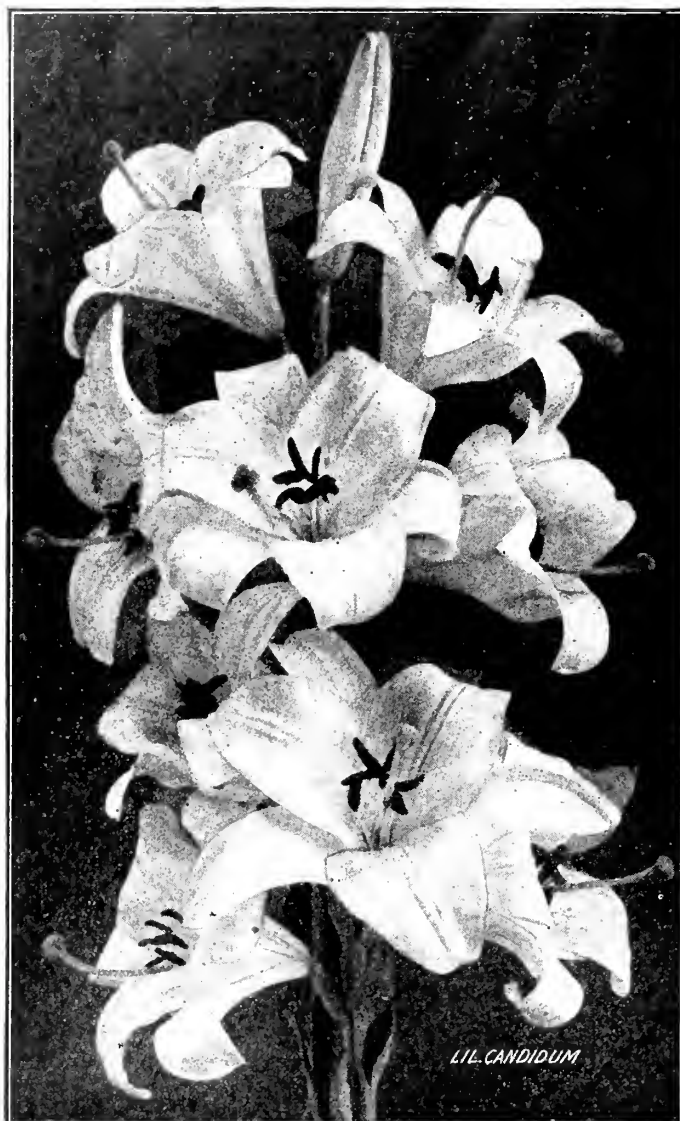
### OTHER LILIES FROM COLD STORAGE

	Inch	Bulbs Per Case	100	Case
Roseum .....	8-9	225	\$7.25	\$16.00
" .....	9-II	125	10.75	13.25
Magnificum .....	8-9	225	7.25	16.00
" .....	9-II	125	10.75	13.25
Melpomene .....	8-9	225	7.25	16.00
" .....	9-II	125	10.75	13.25

6 Bulbs of any one variety at dozen rate ; 25 at 100 rate ; 250 at 1000 rate



# MICHELL'S HARDY LILIES



## Lilium Candidum

(Also called Madonna, Annunciation or St. Joseph's Lily.)

Excellent for planting outdoors or for forcing moderately. Our bulbs are of the finest quality, and sure to give satisfaction. When planting, dust the bulbs thoroughly with flowers of sulphur, as this prevents the leaf curl and fungi from attacking it.

**NORTH OF FRANCE BULBS.** This is a wide or thick petaled flower variety, free from disease and producing more blooms than the South of France strain.

	Doz.	100	1000
First Size Bulbs.....	\$0.80	\$5.75	\$50.00
Mammoth Size Bulbs.....	1.00	6.75	57.50

### SOUTH OF FRANCE BULBS

	Doz.	100	1000
First Size.....	\$0.65	\$4.50	\$42.00
Mammoth Bulbs.....	.80	5.50	45.00
Monster Bulbs.....	.90	6.00	50.00

## Native Lilies

	Doz.	100
Canadense. Bright yellow.....	\$0.75	\$5.25
Canadense Rubrum. Crimson, spotted black.....	1.35	10.50
Elegans Bicolor. Early red.....	.85	6.25
Elegans Aurora. Rich orange.....	1.15	8.50
Hansoni. Reddish orange.....	3.75	30.00



## Hardy Japanese Lilies

Many florists force these with excellent results. Moderate heat is what they require. After potting, root them thoroughly in a cold frame or house free from frost.

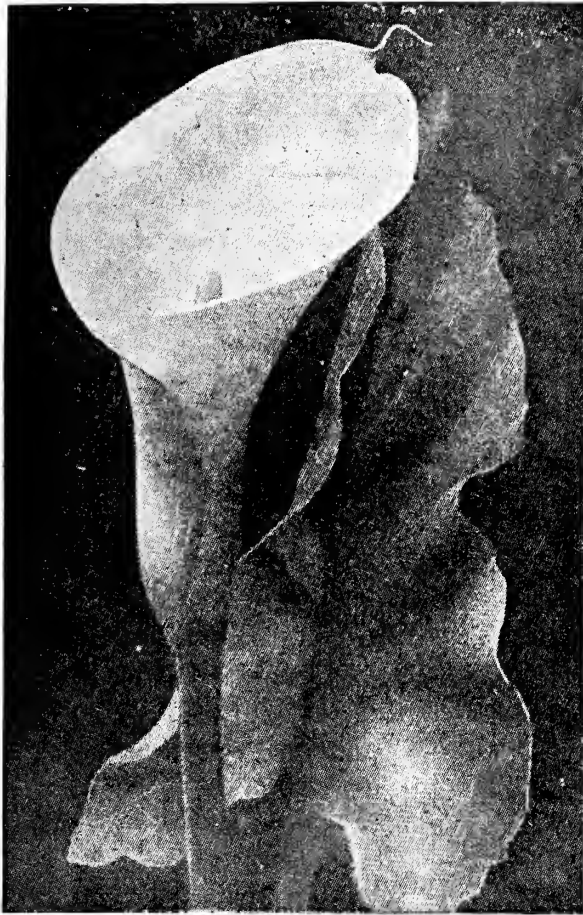
	Doz.	100	1000
<b>Lilium Auratum</b> (Golden Banded Lily). White, spotted red, streaked yellow.			
8 to 9 inches.....	\$0.90	\$5.50	\$50.00
9 to 11 inches.....	1.35	9.00	85.00
" <b>Album</b> (Praecox). Pure white.			
8 to 9 inches.....	1.25	8.25	77.25
9 to 11 inches.....	1.75	12.50	120.00
" <b>Magnificum</b> (rich crimson).			
8 to 9 inches.....	.80	5.50	50.00
9 to 11 inches.....	1.25	8.25	77.50
" <b>Melpomene</b> (crimson).			
8 to 9 inches.....	.80	5.50	50.00
9 to 11 inches.....	1.35	8.50	80.00
" <b>Rubrum or Roseum.</b> Beautiful pink, spotted crimson.			
8 to 9 inches.....	.80	5.50	50.00
9 to 11 inches.....	1.35	8.25	77.50
" <b>Tigrinum Splendens.</b> Single Tiger Lily. Orange, spotted brown.....	.80	5.50	50.00
" <b>Tigrinum Flore Pleno.</b> Double Tiger Lily. Large imported bulbs	1.00	6.00	55.00

(Ready in October.)

	Doz.	100
<b>Henryi.</b> Orange yellow.....	\$6.00	\$45.00
<b>Superbum.</b> Orange red.....	.85	5.50
<b>Tenuifolium.</b> Brilliant scarlet.....	1.00	7.00
<b>Umbellatum.</b> Orange scarlet.....	.85	6.00

6 Bulbs of any one variety at dozen rates; 25 at 100 rates; 250 at 1000 rates.





### CALLAS—California Grown

Our stock of this unusually scarce article is extra fine. Last year for the first time in years were we able to get a satisfactory selection of these bulbs. Our contract being again placed with the same grower, customers can expect bulbs of the finest quality.

	Per Doz.	Per 100	Per 1000
4½ inches in circumference.....	\$0.85	\$6.00	\$52.50
5½ inches in circumference.....	1.20	8.25	77.50
6 inches in circumference (Monster size)...	1.75	12.00	100.00

### "GODFREY" DWARF EVERBLOOMING CALLA

This is practically a new variety and is desirable for a pot plant, for this reason we can recommend it. We have only a limited supply and advise early ordering. The foliage and flower is similar to the regular Calla. Large blooming size bulbs, 15c. each; doz., \$1.25; \$9.00 per 100; per 1000, \$85.00.

### OTHER CALLAS (Ready in October)

	Per Doz.	Per 100
Black .....	\$0.85	\$6.00
Spotted .....	.60	4.00
Little Gem (True Stock).....	.50	3.00

### SHREDDED COW MANURE

For potting, mulching or liquid manure this will be found invaluable, a bag of 100 lbs. contains almost as much as a small cartload. **F. o. b. Philadelphia:** 100 lbs., \$1.50; \$6.50 per 500 lbs.; 1000 lbs. \$11.50; \$22.00 per ton. **F. o. b. Chicago:** 100 lbs., \$1.20; \$5.00 per 500 lbs.; 1000 lbs. \$8.00; \$15.00 per ton.

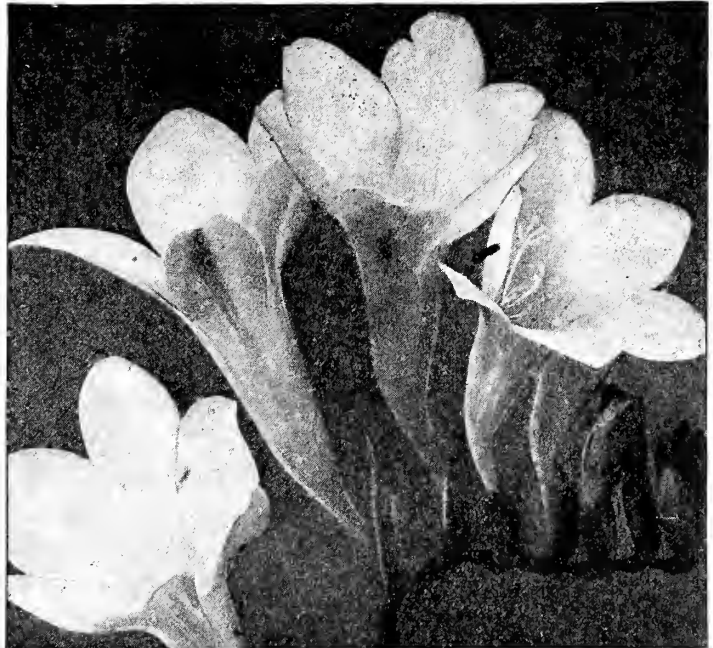
### CALLA ELLIOTTIANA

True Yellow Calla  
(Ready in October)

This beautiful novelty should be extensively planted by all florists, who have cut flower trade, for which purpose it is admirably suited. Some of our finest decorations include this variety. The contrast of the golden yellow flowers placed among other blooms and foliage is truly remarkable, making a beautiful sight. The spotted foliage shows the flower off, when using it as a pot plant, to a great effect. In a short time this new variety will be wonderfully popular on account of its beauty and of its low price. Please note, that we offer the true variety, as a number of yellow Callas are offered. 20c. each, doz. \$2.00, \$15.00 per 100.



Calla Elliottiana



Freesia Purity

### FREESIAS

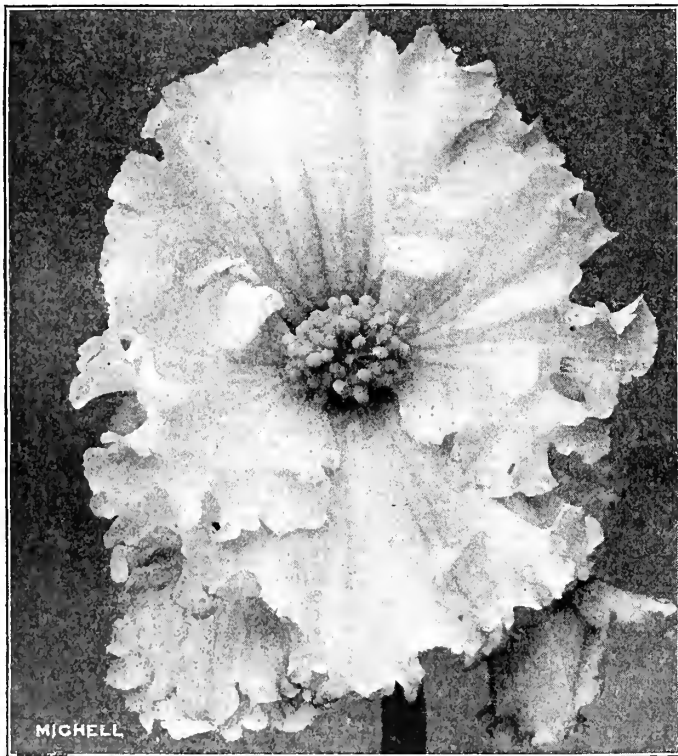
<b>PURITY.</b>	A snowy glistening white; stout, wiry stems, two feet in length.			
"	<b>Fischer's Strain.</b>	First size	Doz.	100 1000
"	bulbs .....		\$0.25	\$1.75 \$16.00
"	<b>Fischer's Strain.</b>	Mammoth		
"	bulbs .....		.40	2.50 22.50
"	<b>Michell's Stock.</b>	First size bulbs	.25	1.40 12.50
"	"	Mammoth bulbs	.30	1.75 16.00
<b>Bermuda.</b>	White, first size.....	.12	.85	7.50
"	White, mammoth.....	.15	1.00	9.00
<b>California.</b>	White, yellow throat, first size...	.10	.65	5.00
"	White, yellow throat, mammoth..	.12	.85	7.50
<b>French.</b>	White, yellow throat, first size.....	.12	.85	7.50
"	White, yellow throat, mammoth size.	.15	1.00	9.00
"	White, yellow throat, monster size..	.25	1.75	15.00
<b>Leichlini.</b>	Light yellow.....	.12	1.00	8.00

6 Bulbs of any one variety at dozen rates; 25 at 100 rates; 250 at 1000 rates.

# MICHELL'S MISCELLANEOUS BULBS

<b>Aconite</b>			
	Doz.	100	1000
Winter .....	\$0.10	\$0.60	\$4.50
<b>Allium Neapolitanum</b>			
White. Very desirable for early forcing.....	.10	.55	4.75
<b>Anemones</b>			
Double Mixed.....	.20	1.00	8.50
Single Mixed. All colors.....	.10	.60	5.00
Single Scarlet .....	.15	.80	7.00
Single Blue .....	.15	.80	7.00
Single White ( <i>The Bride</i> ).....	.10	.60	5.00
Fulgens. Rich scarlet; single.....	.25	1.50	13.00
St. Brigid. Semi-double, all colors mixed....	.25	1.40	12.50

<b>Anomatheca</b>			
Cruenta ( <i>Scarlet Freesia</i> ).....	.12	.60	5.00
<b>Amaryllis</b> ( <i>*Ready in November; Balance Nov.</i> )			
	Each	Doz.	100
Belladonna. Pink.....	\$0.10	\$0.85	\$6.50
*Formosissima. Red; large bulbs.....		.75	4.50
<b>Hybrids of Vittata.</b> Choice mixture of new kinds.....			
Johnsoni. Red and white. Large bulbs.....	.35	3.50	25.00
" Red and white. Mammoth bulbs.....	.35	3.50	25.00
*Treata Rosea ( <i>Zephyranthes</i> ). Pink.....		.45	3.25
*Treata Alba ( <i>Zephyranthes</i> ). Purest white ...		.45	3.25



*Michell's Giant Named Crocus*

## Crocus

We import first quality blooming bulbs only upon which one may depend for good results.

	Doz.	100	1000
Baron von Brunow. Purple.....	\$0.12	\$0.80	\$6.75
Cloth of Gold. Yellow.....	.10	.60	5.00
Cloth of Silver. Striped.....	.10	.60	5.00
Julia Culp. Gigantic flower, rich purple.....	.25	1.75	15.00
Menado. Immense flowers, pale lilac, striped white .....	.25	1.75	15.00
Mont Blanc. Pure white.....	.12	.80	6.75
Pallas. Beautiful; white with fine stripes of lilac .....	.20	1.25	10.00
Purpurea Grandiflora. Blue.....	.12	.80	6.75
Queen Victoria. White.....	.12	.80	6.75
Sativus. Lavender; fall flowering.....	.20	1.25	10.00
Speciosus. Lavender; fall flowering.....	.20	1.00	8.00
Snow White. The largest pure white Crocus in existence .....	.25	1.50	14.00
Sir Walter Scott. Striped.....	.12	.80	6.75
Blue, mixed all shades.....	.07	.45	4.00
Striped, mixed all shades.....	.07	.45	4.00
White, mixed all shades.....	.07	.45	4.00
Yellow. Extra large monster.....	.18	1.00	9.00
Yellow. Mammoth .....	.12	.85	7.00
Yellow. Regular size.....	.07	.45	4.00
Mixed. All colors.....	.06	.40	3.75

## Crown Imperial

	Each	Doz.	100
Single Mixed Colors.....	\$0.08	\$0.80	\$5.75
Single Bright Red.....	.10	1.00	7.00
Single Yellow .....	.12	1.25	9.00
Double Mixed .....	.10	1.00	7.00
Double Red ( <i>Crown upon Crown</i> ).....	.15	1.50	10.00

## Cyclamen Persicum Giganteum (Bulbs)

White, Pink, Crimson and Salmon. Either color... \$1.25 per doz., per 100 \$9.00.

## Tuberous Rooted Begonia, Frilled or Crispa Type

### Begonias—(Tuberous Rooted) (*Ready in December*)

Very choicest large flowering type. Extra large bulbs.

SINGLE			DOUBLE		
Doz.	100	1000	Doz.	100	1000
Orange \$0.40	\$2.50	\$22.00	Crimson \$0.65	\$4.00	\$35.00
Scarlet.. .40	2.50	22.00	Scarlet.. .65	4.00	35.00
Pink... .40	2.50	22.00	Pink... .65	4.00	35.00
White.. .40	2.50	22.00	White.. .65	4.00	35.00
Yellow.. .40	2.50	22.00	Yellow.. .65	4.00	35.00
Mixed.. .30	2.25	20.00	Mixed.. .50	3.75	33.00

### NEW FRILLED BEGONIA (See cut above)

A beautiful crested type, producing very large single flowers. The above cut, which was reproduced from an actual bloom, will convey some idea of its beauty. Orange, Scarlet, Pink, White and Yellow, each separate, 85c. per doz., per 100 \$6.00, \$50.00 per 1000. Mixed, 80c. per doz., per 100 \$5.00, \$40.00 per 1000.



*Dielytra (Bleeding Heart)***DIELYTRA SPECTABILIS** (*Ready in November*)

Few florists realize the value of this plant for forcing or decoration work. While it is not a cut flower, it makes a striking pot plant; it forces very readily and without much trouble. It is always in demand by churches, and brings a good price. The flower is borne in long racemes of a beautiful white and rose color. *Mammoth roots*. Price 90c. per doz., per 100 \$6.00, \$52.00 per 1000.

**JAPANESE FERN BALLS** (*Ready in December*)

	Each	Doz.	100	1000
<b>Large.</b> Dormant, in fine condition..	\$0.25	\$2.75	\$22.50	\$200.00
<b>Medium.</b> Dormant, in fine condition..	.20	2.00	15.00	135.00

FREESIA. (See page 15.)

**GLOXINIAS** (*Ready about December 20th*)

	Doz.	100	1000
<b>Red and Scarlet</b> .....	\$0.60	\$3.25	\$30.00
<b>Blue</b> .....	.60	3.25	30.00
<b>Scarlet Bordered White</b> .....	.60	3.25	30.00
<b>Blue Bordered White</b> .....	.60	3.25	30.00
<b>White Spotted Scarlet</b> .....	.60	3.25	30.00
<b>White</b> .....	.60	3.25	30.00
<b>Choicest Mixed</b> .....	.50	3.00	27.50
<b>Waterloo.</b> Deep purple, bordered carmine..	1.25	9.00	
<b>Meteor.</b> Carmine, edged white .....	1.25	9.00	
<b>Graf Zeppelin.</b> Carmine, fringed .....	1.25	9.00	
<b>Nixe.</b> White, bordered blue .....	1.00	7.50	
<b>Marienthaler Kind.</b> Deep crimson, bordered rose .....	1.00	7.50	

**GRAPE HYACINTHS** (*Muscaria*)

	Doz.	100	1000
<b>Blue</b> .....	\$0.10	\$0.50	\$3.50
<b>White</b> .....	.15	.70	6.00
<b>Feathered (Plumosus).</b> Blue .....	.15	.70	6.00

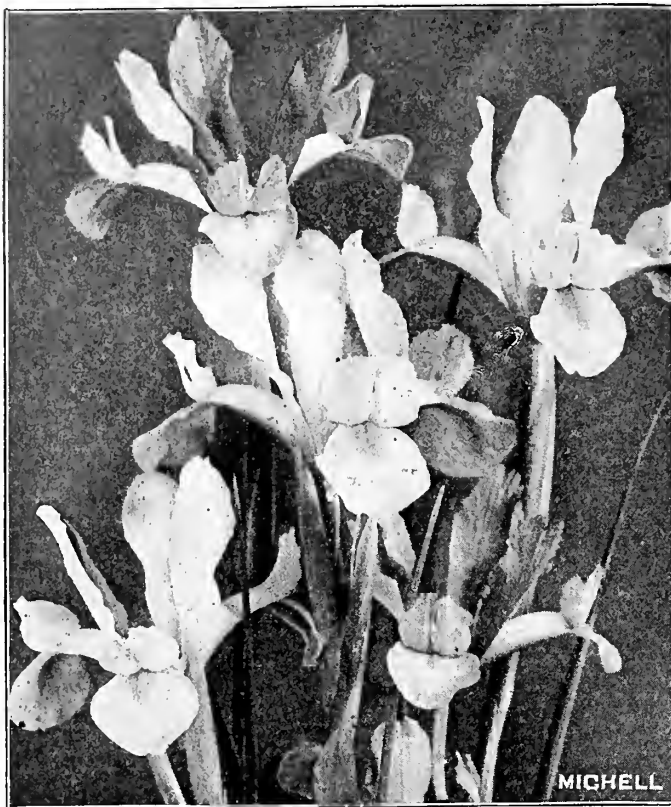
**MICHELL'S FORCING GLADIOLUS**

\* Are Small Bulb Varieties. Ready in October, balance in November. Our bulbs this year will be exceptionally fine.

	Per 100	Per 1000
<b>America.</b> Delicate pink, robust straight stem and giant flowers of delicate texture; forces readily and sells at sight .....	\$2.00	\$18.00
<b>*Atroviolaccus.</b> Rich royal blue, splendid forcer, a real novelty.....	2.00	17.50
<b>Augusta.</b> A pure white flower, slightly penciled throat, all flowers open at one time; one of the most popular sorts.....	2.00	18.00
<b>*Blushing Bride (Delicatissima).</b> Blush pink, blotched dark pink, early forcer .....	.65	5.25
<b>Brenchleyensis.</b> Brilliant scarlet; straight stem, showing all flowers at one time; a glorious bright flower, easy forcer .....	1.25	12.00
<b>*Bride (Colvilli Alba).</b> Pure white .....	.65	5.25
<b>May.</b> White, pencilled crimson; compact well formed spikes; forces easily .....	2.25	20.00
<b>*Modesty.</b> Lavender .....	.85	7.50
<b>Mrs. Francis King.</b> Light scarlet .....	2.25	17.50
<b>*Ne Plus Ultra.</b> Bright scarlet.....	1.00	8.50
<b>*Peach Blossom.</b> A beautiful shade of pink, very desirable for cutting .....	.95	8.50
<b>Princes.</b> Dazzling scarlet, marked white on the lower petals. \$1.75 per dozen .....	7.00	65.00
<b>Shakespeare.</b> White flaked carmine, striped pink..	5.50	50.00
<b>Wm. Falconer.</b> A grand pink, immense flowers....	6.00	50.00
<b>White and Light Shades.</b> Special for forcing....	2.50	20.00
<b>Giant Flowering Mixed.</b> Especially for forcing....	1.75	15.00

We can also supply all other varieties. (See page 20.)

6 Bulbs of any one variety at dozen rates; 25 at 100 rates; 250 at 1000 rates.



A Bunch of Spanish Iris

### IRIS

**SPANISH IRIS.** The flowers are beautiful and very delicate, used for bedding outdoors or forcing. They take up no particular space in a greenhouse and require little or no special attention after planting. They command good prices and we recommend every florist to grow them. **We offer large bulbs.**

	Doz.	100	1000
Alex. Von Humboldt. Light blue	\$.12	\$0.60	\$4.50
Adeline Patti. Dark bronze	.12	.60	4.50
Blanche Superbe. Pure white	.12	.60	4.50
Belle Chinoise. Dark yellow	.12	.55	4.50
British Queen. White extra fine	.12	.55	4.50
Chrysolora. Deep yellow	.12	.55	4.50
Emperor of the West. Bronze	.12	.60	4.50
Jaune Brillante. Beautiful yellow	.12	.60	4.50
King of the Blues. Sweet scented	.12	.55	4.50
Midley. Pale blue, early forcer	.12	.60	4.50
Sapho. Bronze, very fine	.12	.60	4.50
Snowball. Pure white, extra fine	.12	.60	4.50
Thunderbolt. Rich bronze	.12	.60	4.50
Mixed. All colors	.10	.30	2.50

**IRIS SUSIANA (Mourning Iris).** The flowers are large, of a peculiar coloring, being a blush-tinted dark and covered with a network of veinings and lines. 10c. each, doz. 80c., \$5.50 per 100.

**ENGLISH IRIS.** These are similar to the Spanish Iris, but the flower is larger; it also blooms earlier; perfectly hardy. Height about 20 in.

	Doz.	100	1000
Argus. Pink and white	\$.25	\$1.50	\$14.00
Bavaria. Light porcelain	.25	1.50	14.00
Blanche Fleur. White	.25	1.50	14.00
L'Unique. Bright claret	.25	1.50	14.00
Mixed Colors	.20	.90	7.00

**GERMAN IRIS.** This is the early class, flowering in May and June.

	Each	Doz.	100
Named Varieties. Separate	\$.10	\$0.90	\$6.00

**Mixed.** All varieties ..... .07 .60 4.00

**JAPANESE IRIS (Kaempferi).**

	Each	Doz.	100
Named Varieties. Separate	\$.15	\$1.25	\$8.00

**Mixed.** All varieties ..... .10 1.00 6.00

### IXIA

The flower is very brilliant; produced on slender stems about 10 inches long. The mixed colors contain varieties which are beautifully marked.

**Crateroides.** A brilliant scarlet variety; Doz. 100 1000  
forces very readily and is very early..... \$0.20 \$1.00 \$9.00

**Mixed.** All colors; containing every imaginable color ..... .10 .40 3.00



Michell's Fancy Giant Flowering Valley

### LILY OF THE VALLEY Ready in December

This stock is grown for us on contract by one of the best growers in Germany. Care is taken to select only vigorous pips with long fibrous roots, that will stand forcing well.

	100	1000	Case of 2000
<b>Fancy Giant Flowering.</b> Large pips, often producing 15 and more bells to the spike...	\$1.75	\$15.00	\$28.00
<b>Berlin, Regular Brand</b> (3-year-old pips)...	1.50	13.00	24.00
<b>Hamburg</b> (late, 3-year-old pips) .....	1.15	10.00	19.00
<b>Clumps</b> (outdoor planting). \$2.00 per doz.	15.00	140.00	

### COLD STORAGE LILY OF THE VALLEY

We have a fine stock of our own importation on storage, carefully packed, and are prepared to make prompt shipments. Not less than 100 Cold Storage Valley can be furnished.

Per 100.....	\$2.75	Per 500.....	\$9.50
Per 250.....	5.00	Per 1000.....	18.00
		Per 2000.....	35.00

Cold Storage Valley can only be sent by express safely.

### LACHENALIA (Cape Cowslip)

A most profuse blooming bulb; very early; for indoor culture only.

	Each	Doz.	100
<b>Pendula.</b> Vermilion, green and purple.....	\$0.12	\$1.25	\$8.00

### LEUCOJUM (Snowflake)

	Doz.	100	1000
<b>Vernum.</b> White, tipped green .....	\$0.15	\$1.00	\$9.00

### MONTBRETIA

	Doz.	100	1000
<b>Named Varieties.</b> Separate colors .....	.20	1.25	10.00

6 Bulbs of any one variety at dozen rates; 25 at 100 rates; 250 at 1000 rates.



**ORNITHOGALUM**

	Doz.	100	1000
Arabicum (Star of Bethlehem) .....	\$0.25	\$1.50	\$12.50

**OXALIS**

	Doz.	100	1000
Grand Duchess. White, pink, lavender, yellow, each .....	\$0.20	\$0.85	\$7.00
Bermuda Buttercup, yellow, first size bulbs...	.20	.90	8.00
Bermuda Buttercup, mammoth bulbs .....	.25	1.10	10.00
Pink .....	.12	.60	4.00
White .....	.12	.65	5.50
Yellow, single .....	.15	.75	5.50
Bowei, finest pink variety, first size bulbs...	.12	.85	7.00
Bowei, mammoth bulbs .....	.20	1.00	9.00
Versicolor, red, violet, and white .....	.15	.60	5.00
Double Yellow .....	.20	1.25	11.00
Mixed, all colors .....	.10	.40	3.25

**PUSCHKINIA**

Libanotica (Striped Squill). Blue, striped white .....	.15	.85	7.50
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**RANUNCULUS (or Buttercups)**

A small double flower like a double anemone; very profuse bloomer; they force readily and are desirable as a novelty for selling in pots or pans.

	Doz.	100	1000
Double Turkish, mixed .....	\$0.10	\$0.45	\$4.00
Double Persian, mixed .....	.10	.45	4.00
Double French, mixed .....	.10	.45	3.50

**SNOWDROPS**

These beautiful early flowering bulbs are desirable for edging bulb beds or for planting in masses. The flower is pure white, blooming frequently while there is yet ice and snow on the ground.

	Doz.	100	1000
Elwee's Giant Single .....	\$0.10	\$0.60	\$4.75
Double .....	.15	1.00	9.00

**STERNBERGIA (Autumn Daffodil)**

	Doz.	100	1000
Lutea, yellow .....	\$0.35	\$2.50	\$22.50

**SPARAXIS**

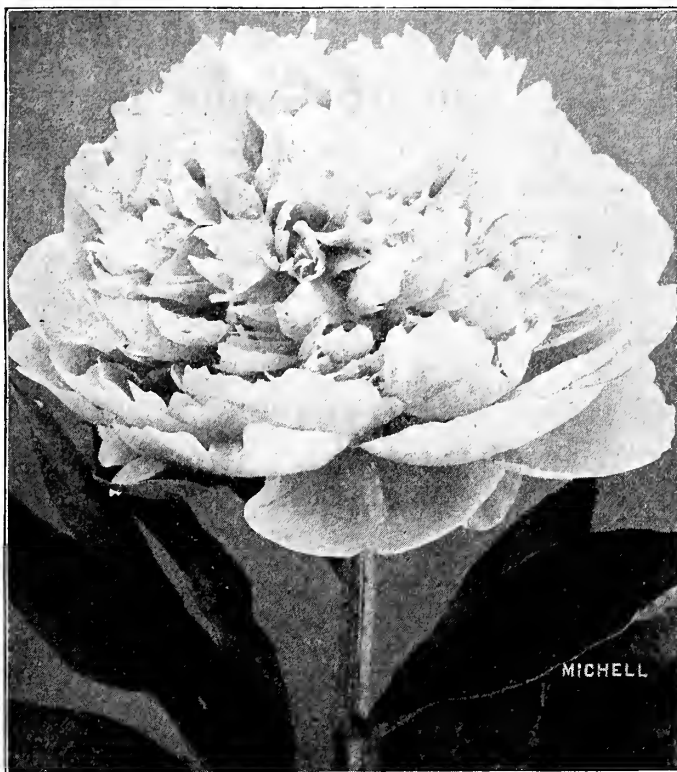
Flowers on long, graceful stems, somewhat like the Ixia; attractive for indoor blooming.

Mixed Colors, 10c. per doz., per 100 50c., \$3.50 per 1000.

*Scilla Siberica***SCILLAS (Squills)**

They flower very early and remain in bloom some time, making an attractive combination when planted with Snowdrops or Crocus. For growing in pots or pans they are also desirable.

	Doz.	100	1000
Sibirica, blue, first size .....	\$0.12	\$0.65	\$5.25
Sibirica, blue, mammoth size .....	.15	.85	7.50
Campanulata, blue (Wood Hyacinth) .....	.10	.65	5.50
Campanulata, white (Wood Hyacinth) .....	.15	.85	7.00
Campanulata, pink (Wood Hyacinth) .....	.15	.85	7.00
Peruviana, blue (Meer Zwiebel) .....	1.00	6.00	

*Michell's Double Pæonies***PAEONIES**

(Ready in September)

Florists will find these to be a profitable investment if planted for cut flower purposes. They are fine for decorative purposes, besides enhancing the home grounds.

	Each	Doz.	100
Achille. Soft rose changing to white .....	\$0.15	\$1.50	\$10.00
Alba Plena. Pure white .....	.15	1.50	10.00
Anemoneflora Rubra. Dark crimson .....	.20	2.00	15.00
Agnes Mary Kelway. Rosy white .....	.15	1.50	10.00
Beaute Francais. Flesh pink, spotted purple .....	.25	2.50	17.50
Carnea Elegans. Flesh color .....	.20	2.00	15.00
Candidissima. Cream white, sulphur yellow centre .....	.35	3.50	25.00
Charlemagne. Cream white, pink centre .....	.25	2.00	16.00
Clarisse. Rose pink, silver centre .....	.25	2.00	15.00
Couronne d'Or. Snow white, yellow reflex .....	.30	3.25	22.00
Delachi. Deep purple crimson reflex .....	.25	2.50	17.50
Duc de Wellington. Sulphur white .....	.25	2.75	20.00
Faust. Flesh pink, salmon centre .....	.25	2.50	17.50
Festiva Maxima. Pure white, streaked red .....	.20	2.25	17.50
Officinalis Rosea. Pink .....	.15	1.50	10.00
" Rubra. Red .....	.10	1.00	7.00
" Alba. White .....	.15	1.50	10.00
Sinensis. Double Pink. Extra large roots .....	.12	1.00	7.00
" " White. " " " " .....	.12	1.00	7.00
" " Red. " " " " .....	.12	1.00	7.00
Tenuifolia Flore Plena. Double Red .....	.25	2.50	17.50

Our Pæonies are all strong roots with numerous eyes and are excellent value. We are prepared to import to order all other leading varieties.

6 Bulbs at any one variety at dozen rate; 25 at 100 rate; 250 at 1000 rate.

# Make Money by Planting Michell's Superb Gladiolus

(Varieties Specially Suited for Forcing)

The demand for these as a late Winter and early Spring flower under glass is constantly on the increase. Last year florists planted them extensively and made considerable money therefrom. There is nothing in culture to-day that is succeeded with so easily. They require little attention and are practically immune from attacks by insects or plant diseases. The flower spikes always bring a good price. They may be planted in flats and placed on the benches or among Carnations, or as a bench crop alone. If grown indoors, place the bulb as near the surface as possible; mulch the ground with shredded cattle manure; water the bulbs liberally when dry. A temperature of about 60 degrees in the day and 50 degrees at night develops the bulbs best. It pays to support the flowers as they come in bloom.

## CARDINALIS, NANUS AND COLVILLEI Small Bulb Types

(Bulbs Ready in October.)

**Atroviolaceus.** This variety is of the easiest culture and produces a medium-sized spike of a rich royal blue. It is valuable for use in vases or in table decoration; where this color is appropriate. We recommend our customers to try a few hundred, at least, of these, as from a novelty standpoint or uniqueness of color they will sell readily at a good price. **Very early bloomer.** Please note that the bulbs of this variety are not large. 30c. per doz., per 100 \$2.00, \$17.50 per 1000.

**Colvillei Alba (The Bride).** Pure white. 10c. per doz., per 100 65c., \$5.25 per 1000.

**Blushing Bride (Delicatissima).** White, blotched blood red on the three lower petals. 10c. per doz., per 100 65c., \$5.25 per 1000.

**Peach Blossom.** Beautiful soft salmon pink, with a deeper blotch of the same color. 15c. per doz., per 100 95c., \$8.50 per 1000.

**Modesty.** Soft delicate lavender, blotched mauve, equal to any orchid. 15c. per doz., per 100 85c., \$7.50 per 1000.

**Ne Plus Ultra.** Brilliant scarlet, blotched pure white, a most attractive flower, larger than any of the foregoing varieties. 20c. per doz., per 100 \$1.00, \$8.50 per 1000.

The above types of Gladioli flower earlier than the large bulb varieties.

## LARGE LATER-FLOWERING FORCING TYPES

**America.** Soft, delicate pink, with a straight, robust stem. We have an exceptionally fine stock of this variety. 30c. per doz., per 100 \$2.00, \$18.00 per 1000.

**Augusta.** White, penciled pink. The flowers open all at one time. A popular seller. 30c. per doz., per 100 \$2.00, \$18.00 per 1000.

**Brenchleyensis.** Bright, brilliant scarlet; long, straight stem, covered with large florets. 20c. per doz., per 100 \$1.25, \$12.00 per 1000.

**May.** White, penciled crimson; compact, well-formed spike. Always sells readily. 35c. per doz., per 100, \$2.25, \$20.00 per 1000.

**Pink Augusta.** Soft salmon pink; this variety is much sought after; the bulbs of this sort are not quite so large as some other varieties. 40c. per doz., per 100 \$2.75, \$22.50 per 1000.

**Mrs. Francis King.** Gigantic spikes, often 4½ feet long, decked with enormous flowers of a brilliant soft scarlet shade; ready seller. 35c. per doz., per 100 \$2.25, \$17.50 per 1000.

**Wm. Falconer.** A pleasing shade of light pink. Flowers very large, many of them being open at one time. 85c. per doz., per 100 \$6.00, \$50.00 per 1000.

**Princeps.** Dazzling scarlet, with a light mark on the lower petal. \$1.00 per doz., per 100 \$7.00, \$65.00 per 1000.

**Shakespeare.** White, flaked carmine, striped pink. It is a popular variety for forcing, and a variety in great demand. 80c. per doz., per 100 \$5.50, \$50.00 per 1000.

**Michell's Special White and Light Mixture for Florists.** This is a combination of large-flowering white and light shades. It is recommended as a strain that will surely please. 40c. per doz., per 100 \$2.50, \$20.00 per 1000.

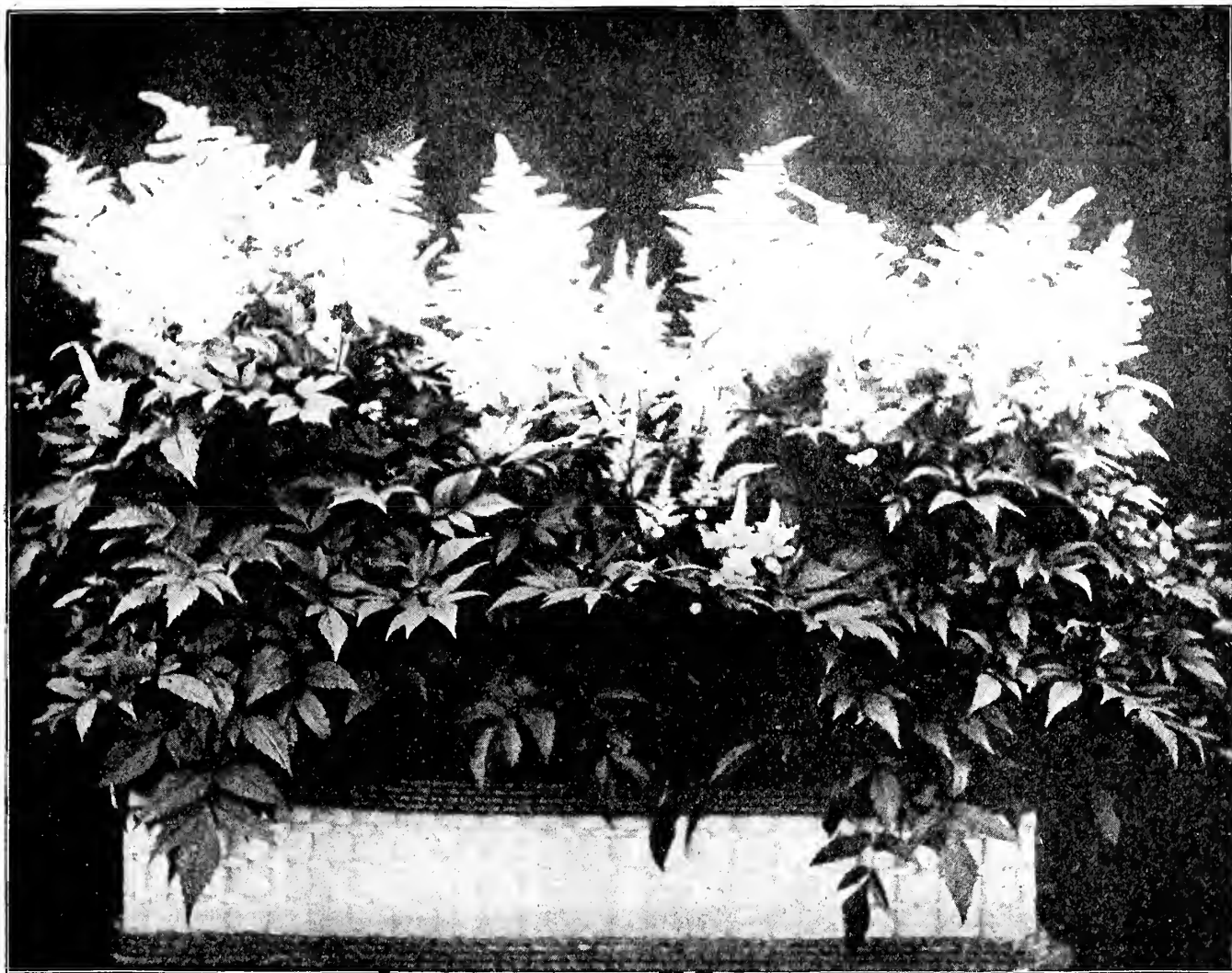
We can also supply all other named varieties of Gladiolus, including the separate color unnamed sorts. Send for list and prices.



Gladiolus America

Be Progressive—Plant Gladioli—Make Money





Originator's Strain *SPIRAEA GLADSTONE*

## MICHELL'S RELIABLE SPIRAEA CLUMPS

(Ready in November)

**SPIRAEA** is one of the class of plants on which any florist can make money; it requires little attention, but when well grown it amply repays for any extra effort put forth. It is always in great demand and commands a good price. Florists who have a funeral design trade should plant a quantity for outdoor blooming. They flower in May and June, generally when white flowers are scarce.

**Astilboides Floribunda.** A very plummy variety; pure white; a favorite with all. 85c. per doz., per 100 \$5.50, \$52.50 per 1000.

**Compacta Multiflora.** Of dwarf habit, very compact growth, pure white. 90c. per doz., per 100 \$6.00, \$55.00 per 1000.

**Philadelphia (New).** A grand pink variety producing magnificent plummy flower spikes of a beautiful rose shade. This variety is a great improvement over Queen Alexandra, and when the stock is plentiful enough and becomes lower in price it will, in all probability, supersede the latter sort. Large clumps. 30c. each, doz., \$3.00, \$20.00 per 100.

**Queen Alexandra.** A beautiful shade of pink. Being an off-spring of the Gladstone it requires the same culture. The plant should be shaded as it comes into bloom in order to bring

the flower to full perfection. This and the Philadelphia are the only satisfactory pink forcing Spiraeas on the market. Large clumps. \$1.25 per doz., per 100 \$7.75, \$72.50 per 1000.

**GLADSTONE.** This new, large-flowering Spiraea is a wonderful improvement over all other white-flowering varieties, and is, no doubt, the most beautiful winter and spring-flowering pot plant grown. The immense trusses of flowers are snow white; borne on strong, erect stalks, and appear in such abundance that the plant is practically enveloped with a white feathery foam.

Large clumps: \$1.00 per doz., per 100 \$6.75, \$62.00 per 1000.

Monster clumps: \$1.75 per doz., per 100 \$11.00, \$100.00 per 1000.

**Japonica.** The old type of Spiraea, growing taller than the other sorts. 65c. per doz., per 100 \$4.75, \$42.50 per 1000.

**NOTE.**—We recommend the early ordering of Spiraea Gladstone, as the past few years the supply has been somewhat short.

PONTIAC, ILL.

All bulbs we have received from you in the past have been A1.

W. J. M. & SON.

# MICHELL'S "DISTINCTIVE" FLOWER SEEDS

**Especially Selected for Florists' Trade for Fall and Winter Sowing**

"Distinctive" Strains of Flower Seeds for the florist is one of the most important branches of our business; we constantly aim to secure for the florist only the most improved strains, such as must give instant satisfaction. Our wonderfully increased trade is our best proof for this claim. A trial order from the most critical florist will prove for itself.

**Note.**—Half-trade packets are only supplied where listed; where smaller quantities are wanted than that listed, retail packets may be ordered at a discount of 33 1-3 per cent. from our retail catalogue prices.

For the convenience of our customers and to facilitate the filling of orders, we have affixed numbers to all varieties of Flower Seeds, and in ordering it is only necessary to give quantity wanted and the number.

## ACHILLEA

Perennial, flowering continuously all summer.

20 *Ptarmica*, fl. pl. "The Pearl." Double white. Trade Pkt. \$0.25 Oz. \$3.00

## ACONITUM (Monk's Hood)

Tall growing bushy perennial, flowers in July.

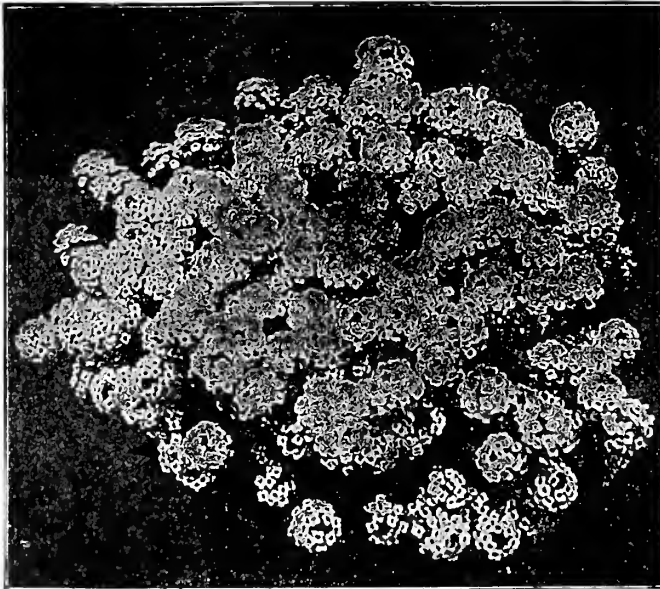
25 *Napellus*, Blue. .20 .50  
27 " White .30 1.50

## ADONIS (Flos Adonis)

42 *Vernalis*. Hardy perennial; yellow. .10 .50

## AGROSTEMMA

66 *Coronaria*. Glaucus foliage, and deep crimson flowers; perennial. .10 .20



*Alyssum*—"Little Gem"

## ALYSSUM

Indispensable in a collection of bedding plants; also useful for winter flowering.

71 *Little Gem*. Our strain of this popular sort is quite distinct, very dwarf, compact and absolutely true from seed. 1/4 lb., \$1.40. Trade Pkt. \$0.10 Oz. \$0.40  
74 *Little Dorritt*. Even more compact than Little Gem and desirable for a pot plant. .15 .50  
73 *Sweet (Alyssum Benthami)*. The common tall. Per lb., \$1.50. .10 .15  
72 *Saxatile Compactum (Perennial)*. Golden yellow. .10 .25

## AMPELOPSIS

100 *Veitchi (Japanese Ivy)*. (Per lb., \$1.50). .10 .15

## ANCHUSA

102 *Italica*, "Dropmore Variety." Perennial; branching plant, 4 feet; light blue flowers. .30 1.25

## ANEMONE (Windflower)

Hardy perennial; excellent for cutting.

105 *Coronaria Mixed*. The French Anemone. .15 .50  
107 *St. Brigid*. The Irish Anemone. .30 1.25

## ANTIRRHINUM (Snapdragon)

### MICHELL'S GIANT STRAIN

This "distinctive" strain is grown by many leading florists as a profitable cut flower during the winter; spikes 3 feet tall with fully one-third a mass of giant flowers.

127 *Michell's Giant Salmon Pink*. A valuable addition to this popular flower; extra long spikes of flowers of a delicate salmon pink color. Trade Pkt. \$0.30 Oz. \$2.00

109 *Silver Pink (New)*. An extra fine variety; long spikes and a very profuse bloomer. Original pkts. \$1.00, \$2.50 per 3 pkts.



*Michell's Giant Antirrhinum*

113 *Giant Pink* .20 .60  
114 " *Scarlet* .20 .60  
121 " *Striped* .20 .60  
115 " *White* .20 .60  
116 " *Yellow* .20 .60  
117 " *Mixed* .15 .50  
125 " *Double White* .40 2.50

126 " *Venus*. Large flowers; shell pink, white ground, with pure white throat. .30

122 *Tall Mixed*. Regular strain; 2 ft. .10 .25

### ANTIRRHINUM—SEMI-DWARF

111 *Daphne*. Pink .30 .75

110 *Firefly*. Scarlet .15 .50

119 *Golden Queen*. Yellow .15 .50

120 *Queen of the North*. White .15 .50

### ANTIRRHINUM—DWARF

118 *Dwarf Golden Sun*. 6 inches, foliage yellow, flowers whitestriped red .30 1.00

112 *Dwarf Mixed*. 6 inches. .15 .60

## ANTHEMIS

(Hardy Marguerite)

108 *Tinctoria Kelway*. Daisy-like bright yellow flowers; perennial. .10 .30

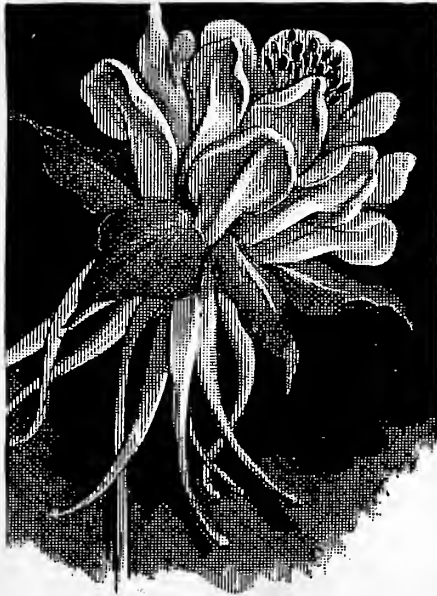
MEDIA, PA., August 10, 1912.

Dear Sirs:—Inclosed find order and remittance. My experience with your seeds is that almost every seed germinates; I get the finest plants and blooms from your seeds of any I have ever tried.

Very truly yours,

F. C. S.





Long Spurred Aquilegias

### AQUILEGIA (Columbine)

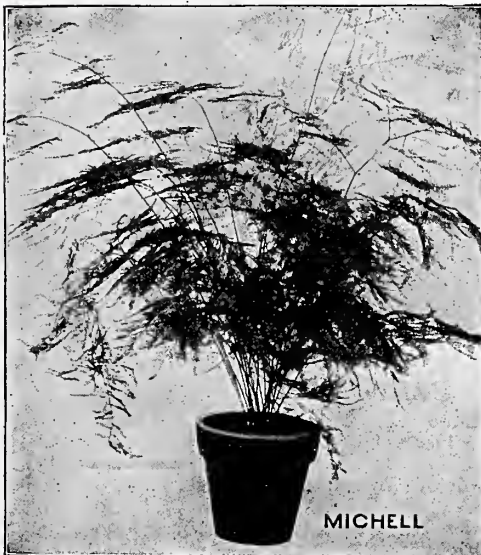
These early flowering perennials are a valuable cut flower.

	Trade Pkt.	Oz.
139 Long Spurred Hybrids. A splendid assortment.	\$0.30	\$1.25
129 Canadensis. Scarlet and yellow.	.20	1.00
130 Chrysantha. Yellow.	.20	1.00
131 " Alba. Pure white.	.25	1.25
128 Californica Hybrida. Yellow, crimson spurs.	.20	2.00
132 Coerulea. Blue and white.	.30	1.50
136 Glandulosa Vera. Lavender and white.	.30	
133 Haylodgensis Delicatissima. Delicate pink.	.40	
137 Nivea Grandiflora. Pure white.	.10	.25
138 Rose Queen. Deep rose.	.40	
134 Single Mixed.	.10	.20
135 Double Mixed.	.10	.25

### ASPARAGUS PLUMOSUS NANUS

We are headquarters for the true greenhouse-grown strain.

Greenhouse Grown Seed		
160		
100 seeds.	\$0.50	10,000 seeds. \$31.00
1,000 "	3.50	25,000 " 75.00
5,000 "	16.25	



MICHELL

Asparagus Plumosus Nanus

#### 161 Lathhouse Grown Seed

100 seeds.	\$0.35
1,000 "	2.50
5,000 "	12.00
10,000 "	23.00
25,000 "	50.00

#### Asparagus Hatcheri

New Type of Plumosus

100 seeds.	\$1.00
250 "	2.00
1,000 "	7.50

#### 162 Asparagus Sprengeri

100 seeds.	\$0.15
1,000 "	.75
5,000 "	3.00
10,000 "	5.50
25,000 "	12.50

### ARABIS (Rock Cress)

Trade Pkt. Oz.

144 Alpina. Perennial; dwarf edging plant; flowers pure white.	\$0.10	\$0.35
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### ASPERULA

165 Odorata (Sweet Woodruff). Perennial, white.	.15	.50
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### ASTER

328 Perennial (Michaelmas Daisy). Mixed.	.25	1.00
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### AURICULA (Primula Auricula)

Hardy perennial, with flowers of many beautiful colors.

410 Choice Mixed.	(1/4 oz., \$1.00)	\$0.40
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### BAPTISIA (False Indigo)

442 Australis. Perennial; tall showy plants, with deep blue flowers.	.15	.60
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### BEGONIAS

As a bedding plant there is nothing more satisfactory and result-giving; also excellent for pot plants. Seeds sown in January make splendid flowering plants in May. Trade Pkt. Oz.

471 Semperflorens Vernon. The most popular of all; orange crimson flowers.	\$0.25	\$2.50
455 " Anna Regina. Deep rose.	.50	
459 " Erfordia. Soft delicate pink.	.30	
463 " Queen of Carpet Bedders. Dwarf red.	.30	
473 " Zulu King. Blood red.	.50	
467 " Choice Mixed.	.30	2.00

### BEGONIA GRACILIS

This type produces very compact little plants that are literally covered with flowers; very attractive and an easy seller.

	Trade Pkt.
458 Gracilis Rosea. Pink.	\$0.30
457 " Luminosa. Fiery dark scarlet.	.40
456 " Alba. Pure white.	.30
460 " Prima Donna. Rose, shading to carmine.	.50

### 464 BEGONIA REX

Ornamental leaves, in self-color and variegation. .50

### TUBEROUS-ROOTED BEGONIAS

These are easily raised from seed; produce enormous flowers and grow best in partial shade. Trade Pkt. Oz.

469 Single Mixed.	\$0.50
461 International Prize. Single; enormous flowers; extra fine. (Orig. pkt., 17c.)	
470 Double Mixed. (Orig. pkt., 17c.)	

### BOLTONIA (False Chamomile)

481 Latisquama. Perennial, pink tinged with lilac.	.25	1.00
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### BROWALLIA

500 Elata Coerulea. Blue.	.15	.50
502 Speciosa Major. Most desirable variety as a pot plant; flowers very large; rich blue.	.25	

### CALCEOLARIA

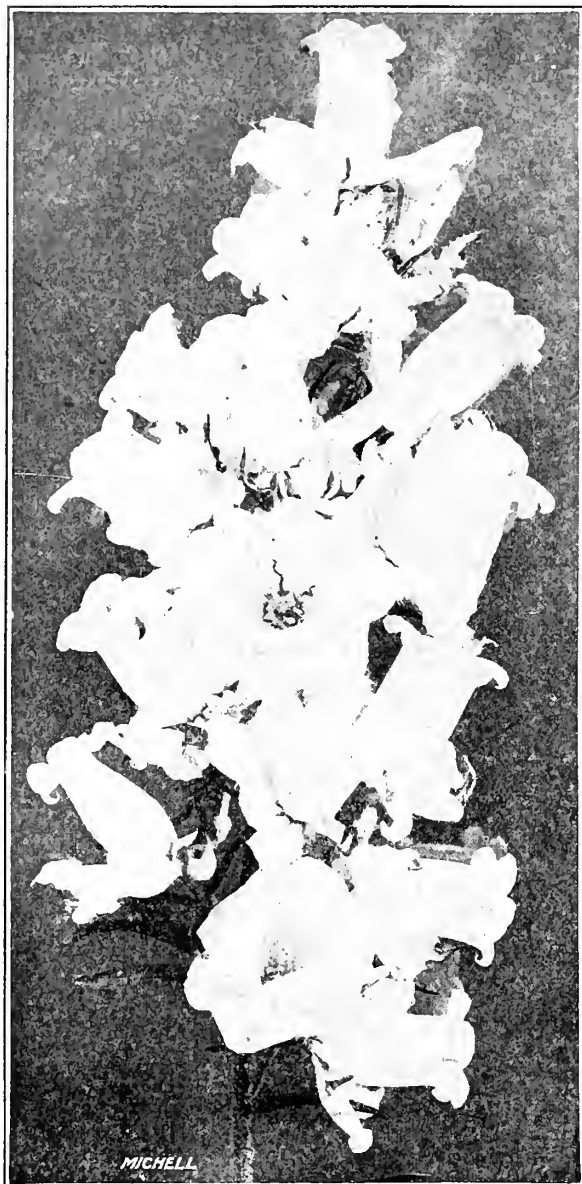
A most decorative pot plant, which finds ready sale if well grown. The strains we offer are the best in the world.

	1/2 Trade Pkt.	Trade Pkt.
515 Hybrida Grandiflora, Choice Mixed.	\$0.60	\$1.00
516 " " Compacta. Dwarf, mixed.	.60	1.00
517 James' Superb Strain. Superfine, mixed.	.60	1.00
519 Sutton's Perfection. In original packages, 75c.		
518 Rugosa Mixed. A small flowering sort used for bedding out.	.60	1.00

### CALLIOPSIS (Coreopsis)

Trade Pkt. Oz.

540 Lanceolata Grandiflora. Large golden yellow; perennial.	\$0.10	\$0.30
541 California Sunbeams. Large flowers, yellow and brown; perennial.	.20	.60

*Campanula Calycanthema***CAMPANULA** (Bell Flower). (Perennial)

The taller sorts are splendid for cut flowers and most decorative; as a border plant they are indispensable. Trade Pkt. Oz.

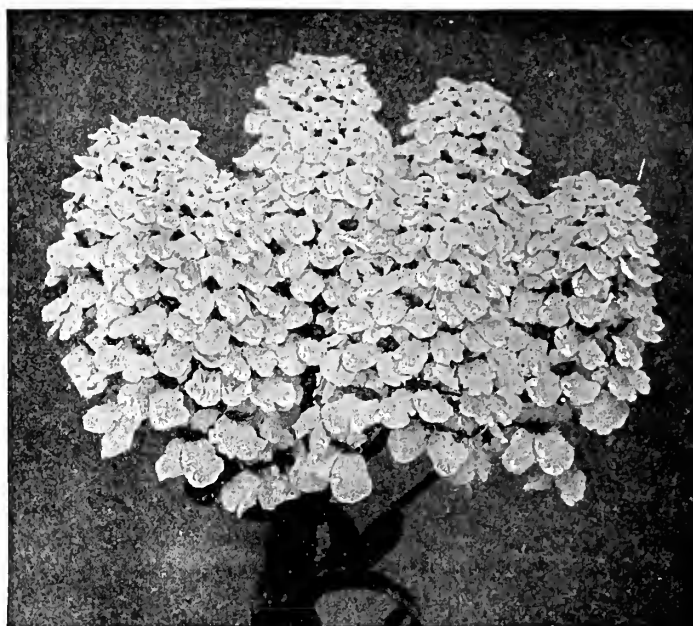
538	<b>Carpatica Blue.</b> Dwarf, 6 inches	.....	\$0.10	\$0.50
539	" <b>White.</b> Dwarf, 6 inches	.....	.10	.50
547	<b>Persicifolia Grandiflora Blue.</b> Grows 3 to 4 ft. high and produces large bell-shaped flowers along the whole stem	.....	.25	2.00
548	<b>Persicifolia Grandiflora White</b>	.....	.25	2.00
549	<b>Pyramidalis (Chimney Bell).</b> 6 feet. Blue and white mixed	.....	.15	.75

**CAMPANULA, MEDIA** (Canterbury Bell) (Biennial)

543	<b>Single Blue</b>	.....	.10	.40
544	" <b>Pink</b>	.....	.10	.40
553	" <b>White</b>	.....	.10	.40
550	" <b>Mixed</b>	.....	.10	.30
551	<b>Double Mixed</b>	.....	.15	.75

**CAMPANULA CALYCANTHEMA** (Cup and Saucer)

545	<b>Calycanthema White</b>	.....	.25	2.00
588	" <b>Pink</b>	.....	.25	1.75
586	" <b>Blue</b>	.....	.25	1.75
546	" <b>Mixed</b>	.....	.20	1.50

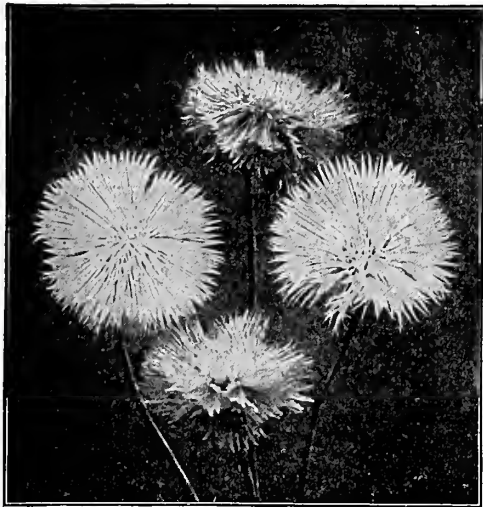
*Candytuft—Michell's Giant***CANDYTUFT** (Iberis)

561	<b>Michell's Giant White.</b> The largest of all. Immense spikes of pure white flowers. (Lb., \$3.00)	Trade Pkt. ....	\$0.15	Oz. \$0.35	1/4lb \$1.00
562	<b>Empress.</b> Flat heads of white flowers. (Lb., \$2.00)	.....	.10	.20	.60
566	<b>Pink</b>	.....	.10	.25	.75
560	<b>Crimson</b>	.....	.10	.15	.50
559	<b>Carmin</b>	.....	.10	.25	.75
568	<b>Purple</b>	.....	.10	.15	.50
574	<b>White Rocket.</b> (Lb., 60c.)	.....	.10	.10	.20
564	<b>Little Prince.</b> Very dwarf, white	.....	.10	.30	1.00
570	<b>CANDYTUFT SEMPERVIRENS</b> (Perennial) Fine for edging hardy borders, white	.....	.25	2.00	

*Carnation***CARNATION**

		Trade Pkt.	Oz.
600	<b>Early Vienna Mixed</b>	.....	\$0.25 \$1.50
602	<b>Finest German Mixed.</b> (3 1/2 oz., \$1.50)	.....	.50
610	<b>Choice Mixed</b>	.....	.40 1.50
604	<b>Marguerite Excelsior, Mixed.</b> Extra large	.....	.30 1.00
605	" <b>Pink</b>	.....	.30 1.00
607	" <b>Scarlet</b>	.....	.30 1.00
606	" <b>White</b>	.....	.30 1.00
608	" <b>Yellow</b>	.....	.40 1.25
609	" <b>Choice Mixed</b>	.....	.20 .60





*Centaurea Imperialis*—New Giant Cornflower

**CENTAUREA CYANUS** (Cornflower)

	Trade Pkt.	Oz.
638 Emperor William. Deep blue.....	\$0.10	\$0.15
644 Double Blue. Splendid for forcing.....	.15	.75

**CENTAUREA IMPERIALIS**

(Giant Cornflower)

645 Deep Rose.....	.15	.60
646 Lavender .....	.15	.60
647 Lilac .....	.15	.60
648 Brilliant Pink.....	.15	.60
649 Purple .....	.15	.60
650 White .....	.15	.60
651 Choice Mixed.....	.10	.40

**CENTAUREA** (Various Sorts) Trade Pkt. Oz.

654 Margaritae. Large pure white.....	.20	.60
656 Suaveolens. Large yellow.....	.10	.25
655 Montana. Perennial, blue.....	.25	1.00
657 " Alba. Perennial, white.....	.25	1.75

**CERASTIUM** (Snow In Summer)

662 Tomentosum. Perennial, white-leaved edging plant; flowers white.....	.30	2.00
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**CHRYSANTHEMUM** (Perennial Varieties)

666 Comtesse de Chambord. Yellow Paris daisy....	.15	.60
667 Frutescens Grandiflorum. White Paris daisy....	.15	.50
671 Shasta Daisy, "Alaska." Pure white.....	.50	2.00
673 King Edward VII. Large white.....	.20	.75
675 Princess Henry. Large flowered white.....	.20	.60
685 Japanese Hybrids. Large flowering, mixed.....	.50	

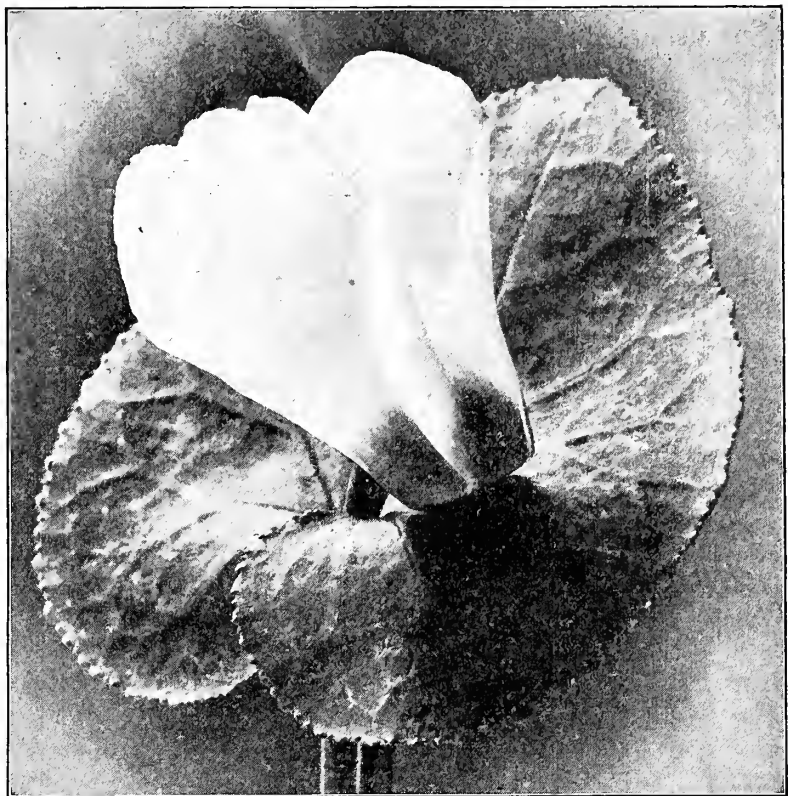
**MICHELL'S "DISTINCTIVE" CINERARIAS**

The Cineraria Seed offered by us is the best procurable. Immense trusses of the largest flowers are produced. Our strains have been awarded numerous First Prizes.

	½ Trade Pkt.	Trade Pkt.
691 Dwarf Grandiflora Prize. Mixed colors .....	\$0.60	\$1.00
693 Medium Tall Grandiflora Prize. Mixed colors .....	.60	1.00
699 James' Giant Strain. Mixed colors .....	.60	1.00
707 Sutton's Superb. Mixed colors. (Orig. pkt., 75c.)		
700 Matador. Large flowering scarlet.....	.60	1.00
695 Hybrida, Choice Mixed.....	.30	.50
702 Radiata Hybrida. Small star-like flowers.....	.60	1.00
703 Sutton's Stellata. Star-shaped. (Orig. pkt., 75c.)		
705 Stellata Hybrida. Mixed colors.....	.60	1.00

**CLEMATIS**

	Trade Pkt.	Oz.
710 Flammula. Feathery white flowers .....	\$0.10	\$0.25
712 Jackman's Large Flowering. Mixed .....	.30	1.75
714 Paniculata. White, star-shaped flowers .....	.15	.50



*Michell's Fancy Giant Cyclamen*

**CYCLAMEN**

Of this important florist's flower we now offer two distinct strains, both unchallenged in their class as "distinctively superior."

**MICHELL'S "DISTINCTIVE" GIANT**

This is the English strain, grown for us exclusively by a grower of world-renown, whose sole output is handled by us, consequently our quality cannot be duplicated. *Flowers are gigantic; colors clear and superb; specimen plants are a thing of beauty and always win first prize at exhibitions.*

	100 Seeds	1000 Seeds
794 Pure White .....	\$1.00	\$8.50
796 Soft Pink .....	1.00	8.50
792 White with Red Base .....	1.00	8.50
790 Brilliant Crimson .....	1.00	8.50
798 Salmon Pink .....	1.00	8.50
799 Mixed. A splendid assortment of colors .....	.90	8.00

**MICHELL'S GIGANTEUM CYCLAMEN** (Continental Strain)

Again this is grown for us exclusively by a specialist, but on the Continent, and the distinction between the former and this strain is, that the Giganteum strain produces comparatively smaller flowers but twice and three times the number of flowers at one time, also that it flowers much earlier. German growers invariably prefer this strain, as it is the strain of the Fatherland.

	100 Seeds	1000 Seeds
780 Album. White .....	\$0.75	\$6.00
782 Roseum. Pink .....	.75	6.00
784 Rubrum. Red .....	.75	6.00
786 White with Red Eye .....	.75	6.00
788 Mixed Colors .....	.60	5.00
802 Papilio. (Butterfly). Mixed colors .....	1.00	

**806 CYCLAMEN, SUTTON'S GIANT**

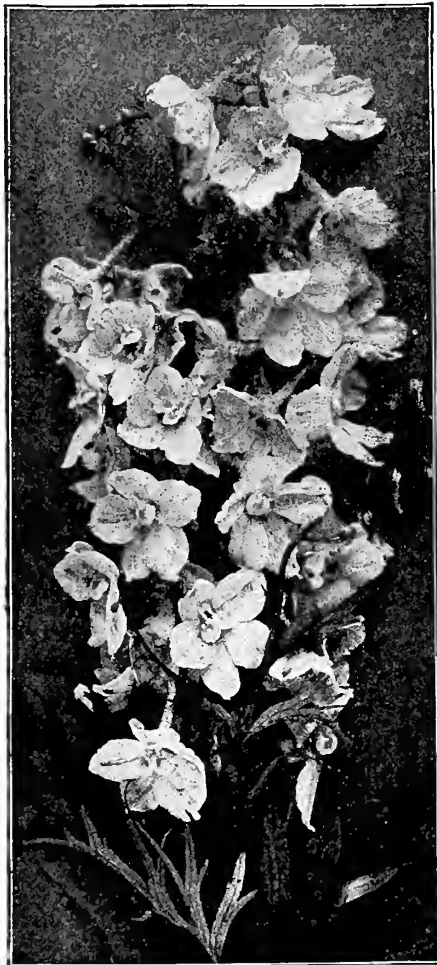
The celebrated strain in original packages, 75c.

**804 CYCLAMEN, PERSICUM MIXED**

	Trade Pkt.	Oz.
The common type .....	\$0.30	\$2.00

**DAISY, ENGLISH DOUBLE** (*Bellis Perennis*)

		Trade Pkt.	Oz.
856	Monstrosa, Pink. ( $\frac{1}{8}$ oz., \$1.00).....	\$0.50	
858	" White. ( $\frac{1}{8}$ oz., \$1.00).....	.50	
857	" Mixed. ( $\frac{1}{8}$ oz., \$1.00).....	.50	
859	Longfellow. Large pink.....	.30	\$2.00
860	Snowball. Large white.....	.30	2.00
855	Giant Red. Various shades.....	.50	2.00
861	Double Mixed.....	.30	1.75

*Delphinium—Kelway's Giant***DELPHINIUM** (*Perennial Larkspur*)

		Trade Pkt.	Oz.
878	Kelway's Giant. Enormous spikes and flowers, Pkt. of many shades of blue.....	\$0.40	\$2.00
871	Belladonna. The finest light blue.....	.50	2.50
883	Hybridum, Mixed. All shades.....	.10	.30
884	Amos Perry. Rose mauve, flushed sky blue.....	.40	2.00
885	Duke of Connaught. Oxford blue, white eye... ..	.40	1.50
877	Formosum. Deep blue.....	.15	.75
880	" Coelestinum. Sky blue.....	.25	.75
875	Chinense Grandiflorum. Dwarf, blue.....	.10	.30
874	" Album. White.....	.10	.30
873	Cashmerianum. Large, dark blue.....	.40	2.50
876	Elatum ( <i>Bee Larkspur</i> ). Blue.....	.20	.50
886	Mme. Violet Geslin. Clear blue, white eye... ..	.40	2.00
879	Nudicaule. Scarlet.....	.40	
887	Portia. Cornflower blue, dark centre.....	.40	2.00
888	Queen Wilhelmina. Soft lavender blue, flushed with rose, white eye.....	.40	2.00
889	Rembrandt. Bright blue and rosy lavender.....	.40	2.00
881	Zalil. Yellow.....	.40	

**DICTAMNUS** (*Gas Plant*)

925	Fraxinella. Purple red flowers; perennial.....	.10	.25
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**EUPATORIUM**

975	Fraseri. Hardy perennial; flowers white.....	.15	.50
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**DIANTHUS** *Hardy Garden Pinks*

		Trade Pkt.	Oz.
919	Clove Scented. Double mixed.....	\$0.30	\$2.00
917	Dwarf Erfurt. Fragrant, mixed colors.....	.50	2.50
920	Latifolius Atrococcineus. ( <i>Everblooming Hybrid Sweet William</i> ). Double red.....	.20	.60
921	Pheasant's Eye. Single fringed flowers.....	.10	.50
923	Double Scotch. Choice colors, mixed.....	.30	1.25

*Digitalis (Fox Glove) Gloxiniaeflora***DIGITALIS** (*Fox Glove*)

		Trade Pkt.	Oz.
927	Gloxiniaeflora, Pink.....	\$0.10	\$0.50
924	" Lilac.....	.10	.50
928	" Purple.....	.10	.50
929	" White.....	.10	.50
930	" Mixed.....	.10	.40
932	Monstrosa, Mixed.....	.25	.75

**DRACENA**

942	Indivisa. Our seeds are picked for plumpness. Narrow green leaves, the popular sort for bedding or vases ( $\frac{1}{4}$ lb. \$1.00).....	\$0.10	\$0.30
940	Australis. Broad leaves.....	.20	.50

**FERNS FOR GREENHOUSE**

We make a specialty of greenhouse ferns and furnish absolutely fresh spores to insure prompt germination. The following varieties can be relied upon to come true to name:

	Trade Pkt.		Trade Pkt.
985	Adiantum (Maiden Hair). Mixed.....	\$0.30	
989	Pteris Varieties. Mixed.....	.30	
991	All Sorts Mixed.....	.30	
Adiantum Cuneatum		Pteris Magnifica	
Aspidium Tensimense		" Mayii	
Cyrtomium Falcatum		" Serrulata Cristata	
Lomaria Gibba		" Tremula	
Lygodium Scandens		" Victoria	
Pteris Adiantoides		" Wimsettii	
" Alba Lineata		" Wilsoni	

Each Variety, per Trade Package, 30c.

**FUCHSIA**

		100 Seeds	1000 Seeds
1015	Mixed. Best single and double.....	\$0.30	\$2.25



# **GAILLARDIA** (Perennial Varieties)

Gigantic attractive flowers appear during the whole season; fine for cutting or borders.

	Trade Pkt.	Oz.
1021 <b>Sanguinea.</b> Blood red .....	\$0.20	\$0.60
1020 <b>Grandiflora Compacta.</b> Mixed .....	.15	.40
1022 " <b>Superba.</b> Mixed .....	.10	.30
1030 <b>Sulphurea Oculata.</b> Sulphur yellow, maroon eye .....	.25	.75
1029 <b>Semi-Double.</b> Golden yellow, tinged red.....	.25	1.00

# **GENTIANA** (Blue Gentian)

1035 <b>Acaulis.</b> Hardy perennial, blue flowers .....	.15	.75
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# **GERANIUM**

1040 <b>Apple Scented.</b> Per 100 seeds, 20c; \$1.50 per 1000 seeds.		
1042 <b>Pelargonium</b> ( <i>Lady Washington</i> ). Per 100 seeds, 75c.		
1044 <b>Zonale, Mixed</b> .....	.15	.60



*Gerbera-Jamesoni Hybrida*

# **GERBERA** (Transvaal Daisy)

This is strictly a greenhouse perennial and will no doubt become a popular cut flower, when the grower makes a closer acquaintance. Place seeds on edge and let fuzzy part protrude.

1049 <b>Jamesoni Gigantea.</b> Immense scarlet flowers. Per 100 seeds, 75c.		
1047 " <b>Hybrida.</b> These hybrids produce every possible shade of colors. Per 100 seeds, \$1.00.		

# **GEUM**

	Trade Pkt.	Oz.
1051 <b>Atrosanguineum fl. pl.</b> Large, showy, double dark crimson flowers; perennial.....	.20	.75

# **MICHELL'S "DISTINCTIVE" GLOXINIAS**

Perfect flowers and shapely plants are the result of carefully saved seeds from specimens only.

1055 <b>Hybrida Grandiflora, Choicest Mixed</b> .....	Trade Pkt.	
(½ Trade pkt., 60c.) .....	\$1.00	

# **GOLDEN ROD**

	Trade Pkt.	Oz.
1065 <b>Solidago Canadensis.</b> Hardy perennial; golden yellow .....	\$0.10	\$0.50

# **GREVILLEA** (Silk Oak)

1095 <b>Robusta.</b> An ornamental foliage plant.....	.15	.50
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# **GYPSOPHILA** (*Baby's Breath*) Trade Pkt. Oz.

1105 <b>Paniculata.</b> Perennial; white.....	\$0.10	\$0.30
1106 " <b>fl. pl. (New.)</b> Double white flowers. (Original pkt., 15c.)		

# **HELENIUM**

1108 <b>Autumnale Superbum.</b> Perennial; yellow....	.25	1.00
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# **HELIOPSIS** (*Orange Sunflower*)

1112 <b>Pitcheriana.</b> Hardy perennial; deep golden yellow flowers .....	.10	.30
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# **HELIOTROPE**

1115 <b>Lemoine's Giant Hybrids.</b> Immense flowers..	.40	2.00
1117 <b>Regal.</b> Dwarf, large flowering .....	.40	2.00
1119 <b>Choice Mixed</b> .....	.20	1.00



MICHELL

# **Chater's Double Hollyhock**

# **HOLLYHOCK**

	Trade Pkt.	Oz.
1150 <b>Chater's Double Maroon</b> .....	\$0.25	\$0.75
1149 " <b>Pink</b> .....	.25	.75
1151 " <b>Red</b> .....	.25	.75
1153 " <b>Salmon</b> .....	.25	.75
1155 " <b>White</b> .....	.25	.75
1157 " <b>Yellow</b> .....	.25	.75
1159 " <b>Mixed</b> .....	.20	.60
1160 <b>Single Mixed</b> .....	.15	.50
1147 <b>Double Hybrid Everblooming.</b> Mixed .....	.40	1.00
1148 <b>Single Hybrid Everblooming.</b> Mixed .....	.25	.65
1146 <b>Allegheny Semi-Double Fringed Mixed</b> .....	.25	.65

**HEUCHERA** (Alum Root)

	Trade Pkt.	Oz.
1125 Sanguinea. Hardy perennial, crimson flowers.	\$0.30	\$1.50

**HIBISCUS** (Marshmallow)

1130 Crimson Eye. White, with crimson centre.	.10	.40
1132 Golden Bowl. Yellow, with maroon centre.	.15	.60
1133 New Giant (Malloze Marvel). Mixed.	.30	.75
1134 Palustris. Pink.	.15	.50

**INCARVILLEA** (Hardy Gloxinia)

1184 Delavayi. Gloxinia-like flowers of a deep pink.	.40	2.00
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**IRIS** (Flowering Flag)

1194 Kaempferi. Mixed colors.	.15	.50
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**KENILWORTH IVY**

1195 Linaria Cymbalaria. Pink flowers.	.25	1.25
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**LAVENDER**

1220 Lavendula Vera. Fragrant blue flowers.	.10	.50
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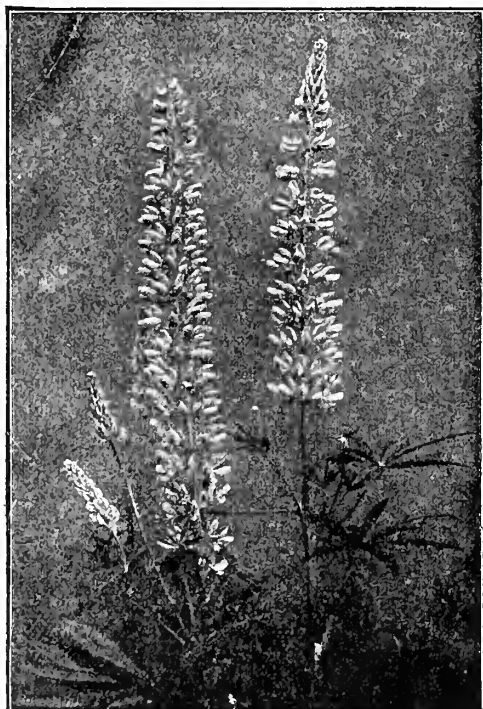
**LATHYRUS LATIFOLIUS**

Everlasting or Perennial Pea

1210 Crimson. Brilliant.	.10	.30
1212 Pink Beauty. Bright rosy pink.	.10	.40
1214 White	.10	.35
1216 Choice Mixed.	.10	.25

**LIATRIS** (Blazing Star)

1227 Pycnostachia. Perennial; deep rose flowers.	.40	3.00
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*Lupinus, Polyphyllus Roseus***LUPINS** (Annual)

A splendid annual for forcing in greenhouses. Six weeks from day of germination will produce the flower. Spikes average two feet in length, are very showy and keep well after cutting.

	Trade Pkt.	Oz.
1268 Michell's Pink Beauty. This is by far the best; color a pleasing delicate salmon pink.	\$0.15	\$0.30
1265 Blue	.10	.20
1267 Pink	.10	.20
1269 Red	.10	.20
1271 Scarlet, White Tipped	.10	.20
1273 White	.10	.20
1275 Yellow	.10	.30
1277 Mixed	.10	.15

**LUPINS** Perennial

1278 Polyphyllus Roseus. Soft pink	.30	1.00
1280 " Blue	.10	.20
1281 " White	.10	.20
1279 " Mixed. All colors	.10	.15

**LOBELIA**

Trade Pkt. Oz.

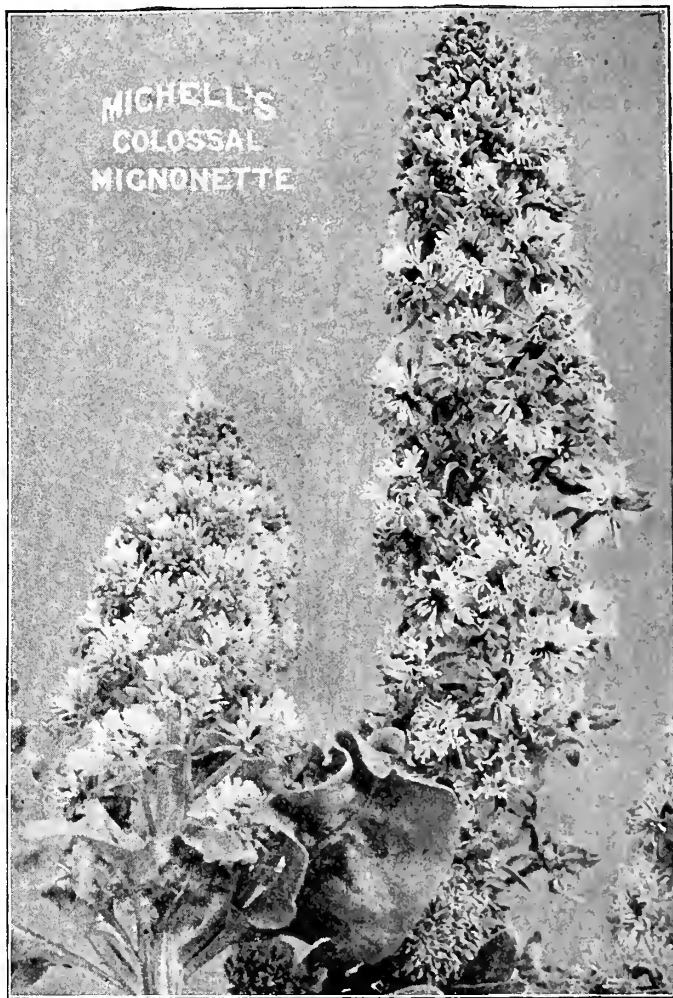
1237 Cardinalis (Cardinal Flower). Perennial; scarlet	\$0.40	\$2.00
1252 Illumination. Brilliant scarlet flowers. (Orig. pkt., 20c.)		

**LYCHNIS** (Perennial)

1285 Chalcedonica. Scarlet; 2 feet.	.10	.25
1286 Flos Cuculi. Bright red, fringed flowers.	.25	1.50
1287 Haageana Hybrida. Mixed; 8 inches.	.15	1.00

**LYTHRUM** (Rose Loosestrife)

1288 Roseum Superbum. Perennial; stately spikes of pink flowers; 3 feet	.10	.25
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**MIGNONETTE**

Trade Pkt. Oz.

1356 Michell's Colossal. The finest Mignonette for forcing. Colossal spikes from 18 to 24 inches high with massive flowers	\$0.40	\$3.00
1354 Hoehl's Giant Flowering. Grown by a specialist; seeds saved from specimen plants.	.50	5.00
1341 Allen's Defiance, Special. We are pleased to be able to offer seeds direct from the originator	1.00	
1340 Allen's Defiance. Large spikes.	¼ lb. \$1.25	.15 .40
1345 Bismarck. Large compact heads	.25	1.00
1355 Machet. Improved and selected.	¼ lb. 75c.	.10 .25
1349 Golden Machet. Yellow		.10 .30
1352 Goliath. Giant spikes		.15 .50
1363 Sutton's Giant. Fine large reddish buff. Original packets, 30c.		
1357 Miles' Spiral. Good for outdoor.	¼ lb. 50c.	.10 .15
1359 Parson's White. Almost white		.10 .20
1365 Sweet Scented. The old fashioned (lb. 50c.)		.10

**MUSA**

1385 Ensete (Abyssinian Banana). Per 10 seeds 20c., 40c. per 25 seeds, 100 seeds \$1.00.		
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Pansy—Michell's Giant Exhibition

## PANSIES IN MIXTURES

- 1595 **Michell's Giant Exhibition Mixed.** A giant strain which we have secured from the leading Pansy specialists in Germany, England and France. For size of bloom, heavy texture and varied shades and colors, with their distinct markings, this strain cannot be excelled. 30c. per ½ trade pkt.; trade pkt., 50c.; 75c. per ¼ oz.; per oz., \$5.00.
- 1608 **Triumph of the Giants Mixed (Mette).** A robust grower, producing on long stems flowers of immense size and of unusual substance; the petals being very broad and overlapping each other make the flowers appear almost double; many beautiful, rich and rare shades. 60c. per ½ trade pkt.; trade pkt., \$1.00; \$1.75 per ¼ oz.; per oz., \$6.00.

## MYOSOTIS (Forget-Me-Not)

	Trade pkt.	Oz.
1391 <b>Alpestris Victoria.</b> Bright blue; the best for bedding; dwarf and compact .....	\$0.25	\$1.00
1406 <b>Ruth Fischer (New).</b> Flowers large and of true Forget-Me-Not blue .....	.50	
1395 <b>Eliza Fanrobert.</b> Blue, fine for pots .....	.15	.75
1401 <b>Palustris.</b> Heavy robust plants, deep blue.....	.30	1.75
1403 " <b>Semperflorens.</b> Everblooming, blue .....	.25	1.50
1399 <b>Grandiflora Alba.</b> White .....	.20	1.00
1400 " <b>Rosea.</b> Pink .....	.20	1.00
1405 <b>Royal Blue.</b> Erect growing .....	.30	1.00
1407 <b>Choice Mixed</b> .....	.15	.50
1393 <b>Dissitiflora (Perennial).</b> Deep blue .....	.30	2.00

## PAEONY

1534 <b>Mixed.</b> Double and semi-double .....	.25	1.00
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## PASSIFLORA (Passion Flower)

1630 <b>Mixed</b> .....	.20	1.00
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## PANSIES

Note—Please do not compare our Giant Prize Pansies with the ordinary Giant Trimardeau; the seed we offer will produce flowers of much heavier texture.

### GIANT SORTS IN SEPARATE COLORS

	Trade pkt.	Oz.
1535 <b>Giant Prize Azure Blue</b> .....	\$0.40	\$1.75
1537 " <b>Black Blue</b> .....	.40	1.75
1539 " <b>Emperor William.</b> Blue .....	.40	1.75
1541 " <b>Hortensia Red</b> .....	.40	2.50
1543 " <b>King of the Blacks</b> .....	.40	1.75
1545 " <b>Lord Beaconsfield.</b> Purple violet .....	.40	1.75
1549 " <b>Peacock.</b> Blue, claret and white. ....	.40	2.50
1551 " <b>Snow Queen.</b> Pure white .....	.40	1.75
1553 " <b>Striped and Mottled</b> .....	.40	1.75
1557 " <b>White with Eye</b> .....	.40	1.75
1559 " <b>Pure Yellow</b> .....	.40	1.75
1561 " <b>Yellow with Eye</b> .....	.40	1.75

### REGULAR SORTS IN SEPARATE COLORS

1565 <b>Belgian Striped</b> .....	.25	1.00
1567 <b>Emperor William.</b> Ultramarine blue .....	.25	1.00
1569 <b>Faust, or King of the Blacks</b> .....	.25	1.00
1571 <b>Gold Margined.</b> Purple, golden edge .....	.25	1.00
1573 <b>Havana Brown</b> .....	.25	1.00
1575 <b>Lord Beaconsfield.</b> Purple violet .....	.25	1.00
1577 <b>Mahogany Colored</b> .....	.25	1.00
1579 <b>Silver Edged.</b> Purple, silver edge .....	.25	1.00
1581 <b>Snow Queen.</b> Pure white .....	.25	1.00
1583 <b>White with Eye</b> .....	.25	1.00
1585 <b>Yellow Gem.</b> Pure yellow .....	.25	1.00
1587 <b>Yellow with Eye</b> .....	.25	1.00

Trade pkt. Oz.

1597 <b>Bugnot, Odier and Cassier.</b> Superb mixture. ....	\$0.50	\$4.00
1599 <b>Giant Trimardeau.</b> Very large flowering.....	.30	1.25
1600 <b>Mad. Perret.</b> Blooms very early; fragrant; especially rich in red shades .....	.50	2.50
1601 <b>Masterpiece (Friedl Pansy).</b> Flowers beautifully curled or waved. ....	.50	4.00
1605 <b>Odier or Blotched.</b> A beautiful strain.....	.50	3.00
1607 <b>Parisian Large Stained.</b> Large flowering.....	.40	2.00
1609 <b>Finest English Mixed.</b> Large flowering .....	.25	1.00
1611 <b>Very Fine Mixed</b> .....	.15	.50

SPRING CITY, PA.

The Giant Exhibition Pansies, seed of which I purchased of you last Fall, are now in bloom. I wish you could see them. The flowers are of the largest size and finest colors. I have grown Pansies for the last twenty years and thought I had the best, but I must say yours take the cake; they must be seen to be appreciated.

A. S. C.





Physostegia

**Pentstemon**

1645 *Mixed*. Hardy perennial. Trade pkt., 10c.; oz., 20c.

1643 *Barbatus Torreyi*. Perennial, scarlet. Trade pkt., 10c.; oz., 25c.

1646 *Digitalis*. Perennial, white. Trade pkt., 10c.; oz., 25c.

**Phlox** (Hardy)

1725 *Decussata*. Mixed. Trade pkt., 25c.; oz., \$1.25.

**Physostegia**

1732 *Virginica*. Pink; perennial. Trade pkt., 15c.; oz., 50c.

1733 *Virginica Alba*. White; perennial. Trade pkt., 25c.; oz., 60c.

**Platycodon**

(Chinese Bell Flower)

1735 *Grandiflorum*, Blue. Perennial. Trade pkt., 10c.; oz., 60c.

1736 *Grandiflorum*, White. Perennial. Trade pkt., 10c.; oz., 60c.

1737 *Japonicus*, fl. pl. Perennial; double blue. Trade pkt., 30c.; oz., \$1.75.

**Polyanthus**

(Primula Elatior)

1738 *Gold Laced*. Very showy. Trade pkt., 40c.; oz., \$2.25.

1740 *Double Mixed*. Trade pkt., 50c.

1741 *English*. Single mixed. Trade pkt., 25c.; oz., \$1.25.



Poppy—Oriental Hybrids

**Poppy** (Perennial)

	Trade Pkt.	Oz.
1782 <i>Giant Scarlet</i> .....	\$0.10	\$0.25
1784 <i>Iceland</i> . Single mixed.....	.15	.50
1783 " <i>White</i> .....	.15	.60
1785 " <i>Yellow</i> .....	.15	.60
1786 " <i>Double mixed</i> .....	.25	1.00
1787 <i>Oriental</i> . Deep scarlet.....	.20	.50
1789 " <i>Parkmanni</i> . Deep crimson.....	.30	1.50
1791 " <i>Mrs. Perry</i> . Rich salmon pink.....	.30	2.00
1792 " <i>Psyche</i> . Delicate rosy blush.....	.30	2.00
1793 " <i>Trilby</i> . Brilliant red.....	.30	2.00
1788 " <i>Hybrids</i> . Mixed colors.....	.25	1.00



Michell's "Distinctive" Chinese Primrose

**Michell's "Distinctive" Primrose****PRIMULA CHINENSIS**

It is with no little amount of pride we offer this superb strain, grown for us exclusively by one of the best specialists in Europe. The plants are compact, individual and cluster of flowers immense, colors superb and mostly fringed petals. If you grow Primulas remember Michell's "Distinctive" Quality is the best.

	Trade Pkt.	Pkt.
1819 <i>Michell's Prize Mixture</i> . An even blending of all colors (1/32 oz., \$2.50).....	.60	1.00
1805 <i>Alba Magnifica</i> . White (1/32 oz., \$2.50).....	.60	1.00
1806 <i>Chiswick Red</i> . Bright red (1/32 oz., \$2.50)...	.60	1.00
1808 <i>Duchess</i> . Large; white with zone of rosy carmine, yellow eye (1/32 oz., \$2.50).....	.60	1.00
1807 <i>Holborn Blue</i> (1/32 oz., \$2.50).....	.60	1.00
1809 <i>Kermesina Splendens</i> . Crimson (1/32 oz., \$2.50).....	.60	1.00
1811 <i>Rosy Morn</i> . Pink (1/32 oz., \$2.50).....	.60	1.00
1813 <i>Sutton's Stellata</i> ( <i>Star Primrose</i> ). Distinct strain of pyramidal growth and loose branches of flowers. Original pkts., 75c.		
1815 <i>Fern Leaved Mixed</i> (1/16 oz., \$2.25).....	.60	1.00

**PRIMULA OBCONICA GIGANTEA**

A great improvement over the old type; flowers much larger and produced in greater abundance. These are splendid pot plants and stay in bloom the entire winter.

	Trade Pkt.
1831 <i>Lilacina</i> . Pale lilac.....	\$0.50
1826 <i>Rosea</i> . Pink.....	.50
1827 <i>Kermesina</i> . Deep crimson.....	.50
1835 <i>Alba</i> . White.....	.50
1829 <i>Hybrida Mixed</i> .....	.50

**PRIMULA OBCONICA GRANDIFLORA**

1828 <i>Grandiflora Compacta</i> . Dwarf compact growing plants; flowers rosy lilac.....	.50
1830 <i>Grandiflora Fimbriata</i> . Fringed flowers; mixed colors.....	.50
1837 <i>Vesuvius</i> ( <i>New</i> ). Deep crimson.....	.50
1833 <i>Crispa</i> ( <i>New</i> ). Large flowers which are crisped or curled; color, from apple blossom pink to rose. Per pkt. 20c.; 55c. per 3 pkts.	
1842 <i>Malacoides</i> ( <i>New</i> ). Resembles <i>Primula Forbesi</i> , but the flowers are much larger; color, light lilac. Per trade pkt. 50c.	
1843 <i>Malacoides Alba</i> . Pure white. Pkt. 20c.	
1845 <i>Kewensis</i> ( <i>Verbena Scented Yellow Primrose</i> ). Of strong vigorous growth; numerous spikes, 12 to 18 inches long with four to six whorls of bloom; color, soft yellow. 1/16 oz. \$1.50, trade pkt. 50c.	

**PRIMULA—VARIOUS SORTS**

1839 <i>Buttercup</i> ( <i>New</i> ). Yellow (1/32 oz., \$1.50).....	\$0.50
1840 <i>Cortusoides Sieboldii</i> .....	.50
1844 <i>Forbesi</i> ( <i>Baby Primrose</i> ). (1/8 oz., \$1.00).....	.50
1846 <i>Veris</i> ( <i>Cowslip</i> ). Mixed (oz., 75c.).....	.15
1848 <i>Vulgaris</i> ( <i>English Yellow Primrose</i> ). (Oz., \$1.25)....	.30



**PUERARIA (Kudzu Vine)** Trade Pkt. Oz.

1855	<b>Thunbergiana.</b>	Perennial climber; rosy purple flowers	.....	\$0.20	\$0.60
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**PYRETHRUM (Perennial)**

1862	<b>Roseum.</b>	Pink.....	.20	1.50	
1866	<b>Uliginosum</b>	(Giant White Daisy).....	.25	1.25	
1868	<b>Hybridum.</b>	Single mixed.....	.15	1.25	
1869	"	Double mixed (1/8 oz., \$1.50).....	.50		

**RUDBECKIA (Cone Flower)**

1902	<b>Newmani.</b>	Perennial, yellow.....	.30	1.25	
1904	<b>Purpurea</b>	(Giant Purple Cone Flower). Perennial; reddish-purple flowers.....	.15	.75	

**SALVIA**

1927	<b>Azurea Grandiflora.</b>	Perennial, sky blue.....	.25	1.25	
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*Scabiosa Caucasica*

**SCABIOSA**

			Trade Pkt.	Oz.	
1950	<b>Caucasica.</b>	Perennial; lilac.....	\$0.30	\$1.25	
1948	"	Alba. White.....	.40		
1965	<b>Japonica.</b>	Perennial; lavender blue.....	.30	1.00	

**SCHIZANTHUS (Butterfly Flower)**

1968	<b>Grahami Niveus</b>	(New). Pure white.....	.40	1.25	
1970	<b>Hybridus Grandiflorus.</b>	Dwarf, mixed.....	.30	1.00	
1971	<b>Wisetonensis.</b>	Various colors.....	.50		
1972	<b>Mixed.</b>	All colors.....	.10	.15	

**SHAMROCK**

1978	<b>True Irish.</b>	.....	.25	.75	
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**SMILAX (Myrsiphyllum Asparagoides)**

1985	<b>A</b>	desirable greenhouse climber of great value for floral decorations. Trade pkt., 10c.; 30c. oz.; 1/4 lb. \$1.00, \$3.00 lb.			
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**STATICE**

1993	<b>Latifolia.</b>	Perennial; deep blue flowers.....	.20	.75	
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**MICHELL'S "DISTINCTIVE" STOCKS**

For years we have made a specialty of supplying "distinctive" strains and have built up a reputation bar none. Our stocks are easily distinguished by their *superior quality, strong germination, and a remarkably small percentage of single flowers.*

**MICHELL'S FLOWER MARKET STOCK**

A branching stock of remarkable vigor of growth and size of bloom; produces its flowers evenly distributed over the stem and very early. A single plant will produce from 10 to 15 separate flower branches. The type is of *Cut-and-Come-Again*, but much superior to what is usually known by that name.

	1/2 Trade Pkt.	Trade Pkt.	1/4 Oz.	Oz.	
2053	<b>Pure White.</b>	.....	\$0.30	\$0.85	\$3.00
2051	<b>Flesh Pink.</b>	.....	.30	.50	3.00
2052	<b>Rose Pink.</b>	.....	.30	.50	3.00
2050	<b>Light Blue.</b>	.....	.30	.50	3.00
2049	<b>Dark Blue.</b>	.....	.30	.50	3.00
2048	<b>Blood Red.</b>	.....	.30	.50	3.00
2054	<b>Mixed Colors</b>	.....	.30	.50	2.50

**STOCKS (Continued)**

**MICHELL'S "DISTINCTIVE" COLUMN STOCK**

Produces plants composed of one gigantic spike dressed with immense perfect double flowers.

2027 **Blood Red.** 1/2 trade pkt. 30c., trade pkt. 50c.

2028 **White.** 1/2 trade pkt. 30c., trade pkt. 50c.

**MICHELL'S EARLY FLOWERING "NICE STOCK"**

A branching stock literally covered with blooms which appear earlier than in any other strain. The seed we offer comes direct from the originator.

2035 **Beauty of Nice.** Charming delicate pink, the most popular of all. 1/2 trade pkt. 30c., trade pkt. 50c., oz. \$2.00.

2038 **Queen Alexandra.** Delicate lavender. 1/2 trade pkt. 30c., trade pkt. 50c., oz. \$2.00.

2036 **Crimson King.** Deep red. 1/2 trade pkt. 30c., trade pkt. 50c., oz. \$2.50.

2034 **Victoria.** Pure white. 1/2 trade pkt. 30c., trade pkt. 50c., oz. \$2.00.

2029 **Abundance.** Of dwarf, spreading habit; color, carmine rose. 1/2 trade pkt. 30c., trade pkt. 50c., oz. \$3.00.

2041 **Mme. Rivoire** (New). Large double, pure white flowers. 1/2 trade pkt. 30c., trade pkt. 50c., oz. \$3.00.

2040 **La Brillante.** Double flowers; rich, brilliant crimson. Per pkt. 20c., 50c. tr. pkt.

2042 **Midsommer Night.** Dark violet; large and double. Per pkt. 20c., 50c. tr. pkt.



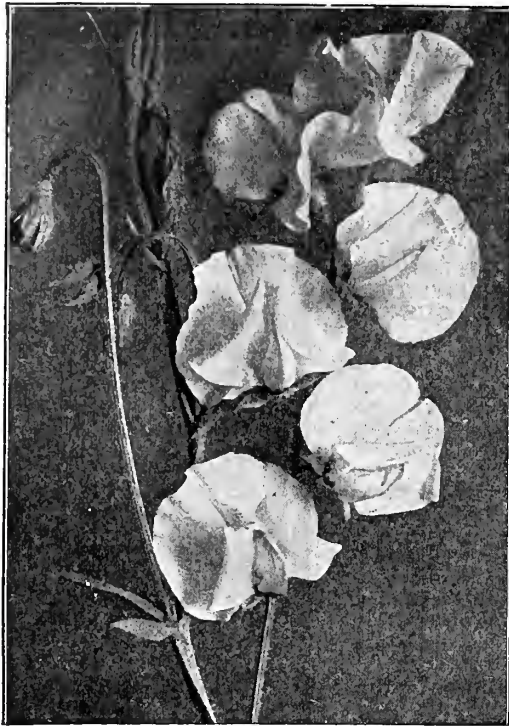
*Flower Market Stock*

**LARGE FLOWERING DWARF TEN WEEK STOCK**

	1/2 Trade Pkt.	Trade Pkt.	Oz.	
2010	<b>Blood Red.</b>	.....	\$0.25	\$0.40 \$2.50
2012	<b>Light Blue.</b>	.....	.25	.40 2.50
2014	<b>Pink</b>	.....	.25	.40 2.50
2016	<b>Purple Violet.</b>	.....	.25	.40 2.50
2018	<b>White</b>	.....	.25	.40 2.50
2020	<b>Yellow</b>	.....	.25	.40 2.50
2022	<b>Mixed</b>	.....	.25	.40 2.00

**STOCKS (Various Sorts)**

2025	<b>Wallflower Leaved.</b>	Choice mixed.....	.25	.40	2.25
2037	<b>Brompton, or Winter.</b>	Mixed.....	.30	.50	3.00
2039	<b>Excelsior.</b>	Pure white. Orig. pkt., 75c.			
2043	<b>Princess Alice</b>	(Cut-and-Come-Again). White; excellent for cutting.....	.30	.50	2.50
2031	<b>New Pyramidal Stock, "Bismarck."</b>	A splendid sort for cutting; immense pure white flowers along a colossal spike, often 30 inches in length, with many side shoots.....	.30	.50	3.00
2045	<b>New Winter Stock, "White Lady."</b>	Plants throw up a massive central spike, which branches freely; flowers large, double and of lustrous snowy white. Per pkt. 20c.			



Winter Flowering Sweet Peas

## SWEET PEAS

### Michell's Christmas or Winter Flowering Especially Adapted for Forcing

If wanted by mail, add 8 cts. per lb. for postage.

This seed has been grown from originator's stock, and can be depended upon for excellent results.

2245 Michell's Snowdrift. Pure white; black seeded; extra early; large flowers on long stems.....	z.	¼ Lb.	Lb.
	\$0.25	\$0.75	\$2.00
2114 Blanche Ferry (Extra Early). Pink and white .....	.10	.25	.85
2127 Christmas Pink. Pink and white.....	.15	.50	1.50
2129 " White .....	.15	.50	1.50
2125 " Captain. Blue and purple...	.15	.50	1.50
2126 " Meteor. Scarlet.....	.15	.50	1.50
2146 Earliest of All. Pink and white.....	.10	.25	.75
2174 Le Marquis. Large dark blue.....	.15	.50	1.50
2202 Mont Blanc. Early; pure white.....	.10	.25	.85
2203 Mrs. Alex. Wallace. Lavender.....	.15	.50	1.75
2206 Mrs. Chas. H. Totty. Lavender.....	.15	.50	1.50
2207 Mrs. Edie Wilde. Carmine red.....	.15	.50	1.50
2209 Mrs. F. J. Delansky. Daybreak pink...	.15	.50	1.50
2210 Mrs. Geo. Lewis. Pure white.....	.15	.50	1.50
2213 Mrs. William Sim. Salmon pink.....	.15	.50	1.75
2211 Mrs. W. W. Smalley. Satin pink.....	.15	.50	1.50
2257 Watchung. Pure white.....	.15	.50	1.50
2264 Mixed. Winter flowering.....	.15	.50	1.50

### Zvolanek's Christmas or Winter Flowering

2127A Christmas Pink. Pink and white...	Oz.	¼ Lb.	Lb.
	\$0.25	\$0.75	\$2.00
2129A " White .....	.25	.75	2.00
2126A " Meteor. Scarlet.....	.25	.75	2.00
2174A Le Marquis. Dark blue.....	.25	.75	2.00
2203A Mrs. Alex. Wallace. Lavender.....	.25	.75	2.00
2206A Mrs. Chas. H. Totty. Lavender.....	.25	.75	2.00
2209A Mrs. F. J. Delansky. Daybreak pink...	.25	.75	2.00
2210A Mrs. Geo. Lewis. Pure white.....	.25	.75	2.00
2213A Mrs. William Sim. Salmon pink.....	.25	.75	2.00
2211A Mrs. W. W. Smalley. Satin pink...	.25	.75	2.00
2221A Pink Beauty. Large, dark rose pink...	.40	1.25	4.00
2253A Wallacea. Lavender.....	.25	.75	2.00
2257A Watchung. Pure white.....	.25	.75	2.00
2259A Zvolanek's Pink. Large; light pink...	.50	1.50	5.00
2264A Mixed. Winter flowering.....	.25	.75	2.00

## SWEET PEAS—Zvolanek's Winter Flowering

### Spencer Type Novelties

One ounce of seed is sufficient for a 200-foot row.

	¼ Oz.	½ Oz.	Oz.
Pink and White Orchid.....	\$2.50	\$4.25	\$8.00
White Orchid. Pure white.....	2.50	4.25	8.00
Lavender Orchid. Lavender pink.....	2.50	4.25	8.00
Mrs. A. A. Skaach. Rich, light pink.....	2.50	4.25	8.00

### Unwin Type Novelties

Lavender Nora. Color similar to Wallacea.....	\$1.75	\$3.00
Norma. Bright clear pink.....	1.75	3.00
White Nora. Pure white.....	1.75	3.00

## Michell's Intermediate Giant Flowering Sweet Pea "Blanche Ferry"

A novelty of extraordinary value to the florist. Blanche Ferry in all its types has been, and is yet, the best selling Sweet Pea on the American market, but up to the present time we have had no Blanche Ferry which could be had in bloom during March, April and May. With the above novelty we are offering for the first time a Blanche Ferry of exceptional quality, bearing from four to five gigantic blossoms on stems from 16 to 22 inches in length, that begin to put in an appearance about March 15th and continue coming until July 1st. These flowers have brought on an average \$2.00 per 100 in the Boston Flower Market, a price which very few other Sweet Peas have ever brought. In culture this Sweet Pea is like all other winter flowering varieties, except that it must be sown during the month of October. Our seed is original greenhouse-grown stock. Per oz., \$1.00; \$3.50 per ¼ lb.; ½ lb., \$6.25; \$12.00 per lb.

## SWEET PEAS—General List

For early blooming outdoors we recommend sowing seeds during the month of November; these will bloom much earlier the following year than spring-sown seed.

If wanted by mail, add 8 cts. per lb. for postage.

### Spencer, or Orchid Flowered Varieties

	Oz.	¼ Lb.	Lb.
2099 Apple Blossom Spencer. Deep pink...	\$0.25	\$0.75	\$2.75
2100 Asta Ohn Spencer. Rich lavender.....	.30	1.00	3.50
2101 Black Knight Spencer. Deep maroon...	.20	.70	2.50
2112 Blanche Ferry Spencer. Pink and white .....	.25	.80	3.00
2126 Captain of the Blues Spencer. Deep blue .....	.20	.60	2.25
2135 Countess Spencer. Soft rose pink.....	.25	.75	2.50
2156 Florence Morse Spencer. Delicate blush .....	.25	.75	2.75
2153 Frank Dolby. Mauve lavender.....	.15	.40	1.50
2161 George Herbert. Rose pink.....	.25	.70	2.50
2152 Gladys Unwin. Delicate pink.....	.15	.40	1.40
2157 Helen Lewis. Orange pink.....	.20	.70	2.75
2169 King Edward Spencer. Bright crimson.....	.25	.75	2.75
2187 Lovely Spencer. Delicate pink.....	.25	.75	2.75
2199 Mrs. Rutzahn Spencer. Buff pink....	.30	1.00	3.75
2201 Mrs. Sankey Spencer. Pure white; black seeded.....	.20	.60	2.00
2216 Nora Unwin. Immense flower; pure white .....	.15	.45	1.60
2219 Othello Spencer. Deep maroon.....	.25	.75	2.75
2224 Primrose Spencer. Light yellow.....	.25	.80	3.00
2255 White Spencer. Clear white.....	.20	.70	2.70

### Standard Varieties

2105 Black Knight. Deep maroon.....	.10	.25	.75
2106 Blanche Burpee. Large white.....	.10	.25	.75
2110 Blanche Ferry. Pink and white.....	.10	.25	.75
2134 Countess of Radnor. Pale lavender...	.10	.25	.85
2136 Dorothy Eckford. Extra large white...	.10	.25	.75
2142 Duke of Westminster. Standard clear purple, wings violet.....	.10	.25	.85
2150 Emily Henderson. Pure white.....	.10	.25	.75
2151 Flora Norton. Delicate lavender.....	.10	.25	.85
2162 Hon. Mrs. E. Kenyon. Primrose yellow .....	.10	.25	.75
2166 Katherine Tracy. Brilliant pink.....	.10	.25	.75
2168 King Edward VII. Crimson scarlet.....	.10	.25	.75
2170 Lady Grisel Hamilton. Pale lavender..	.10	.25	.85
2186 Lovely. Soft shell pink.....	.10	.25	.85
2194 Miss Willmott. Deep orange pink.....	.10	.25	.85
2214 Navy Blue. Deep violet blue.....	.10	.25	.85
2218 Othello. Very dark maroon.....	.10	.25	.75
2222 Prima Donna. Lovely soft pink.....	.10	.25	.85



**Stokesia** (Cornflower Aster)

	Trade Pkt.	Oz.
2055 <b>Cyanea.</b> A hardy perennial; each plant bearing 20 to 30 lavender-blue flowers.....	\$0.20	\$0.75
2057 <b>Cyanea Alba.</b> Pure white.....	.25	1.00

**Sunflower** (Helianthus)

2078 <b>Golden Bouquet.</b> Perennial; yellow.....	.20	.75
2079 <b>Choice Mixed.</b> Perennial.....	.30	1.00

**Sweet Rocket** (Hesperis)

2300 <b>Mixed.</b> Perennial; purple and white.....	.10	.15
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*Single Sweet William***Sweet William** (Dianthus Barbatus)

	Trade Pkt.	Oz.
2306 <b>Single Crimson.</b> .....	\$0.10	\$0.30
2307 " <b>Red with white eye.</b> .....	.10	.30
2308 " <b>Velvety Maroon.</b> .....	.10	.30
2309 " <b>Violet with white eye.</b> .....	.10	.30
2311 " <b>White</b> .....	.10	.30
2312 " <b>Mixed</b> .....	.10	.20
2313 <b>Pink Beauty.</b> Large flowers; salmon pink.....	.30	1.50
2315 <b>Scarlet Beauty.</b> Intense, rich deep scarlet.....	.40	2.00
2310 <b>Auricula Flowered.</b> Single mixed.....	.10	.40
2314 <b>Double Mixed.</b> All colors.....	.15	.60

**Tritoma** (Red Hot Poker Plant)

2345 <b>Uvaria Grandiflora.</b> Orange scarlet.....	.15	.60
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**Valeriana** (Garden Heliotrope)

2348 <b>Officinalis.</b> Perennial; rose pink flowers.....	.30	1.50
2350 <b>Mixed.</b> Perennial; fragrant.....	.10	.25

**Veronica** (Speedwell)

A showy, hardy perennial border plant.

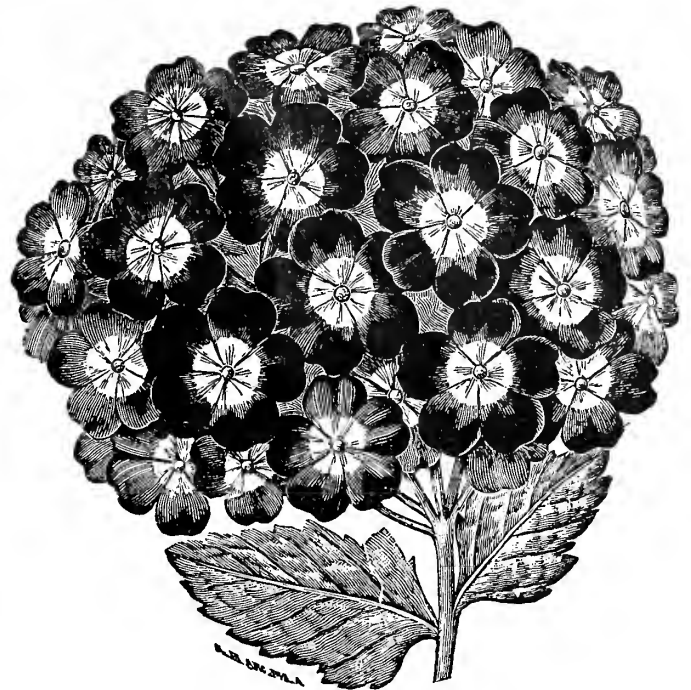
2373 <b>Spicata.</b> Blue.....	.25	1.00
2374 <b>Virginica.</b> White.....	.25	1.50

**Vinca**

2375 <b>Alba.</b> White, with rose centre.....	.15	.50
2376 <b>Alba Pura.</b> Pure white.....	.15	.50
2377 <b>Rosea.</b> Pink.....	.15	.50
2378 <b>Mixed</b> .....	.15	.40

**Viola Cornuta** (Tufted Pansies)

2385 <b>Admiration.</b> Dark blue.....	.25	1.25
2389 <b>G. Wernig.</b> Of the identical color of the "Princess of Wales" Violet. Per pkt. 15c.		
2386 <b>Lutea Splendens.</b> Clear yellow.....	.25	1.00
2384 <b>Mauve Queen.</b> Lovely mauve color.....	.25	1.25
2387 <b>Perfection.</b> Light blue.....	.25	1.25
2388 <b>White Perfection.</b> Pure white.....	.25	1.25

*Michell's Mammoth Fancy Verbena***Michell's Verbena**

Our Mammoth Fancy Strain of this popular bedding plant cannot be excelled for its free flowering qualities, large size and purity of colors.

	Trade Pkt.	Oz.
2355 <b>Michell's Mammoth Fancy Blue.</b> .....	\$0.30	\$1.25
2357 " " <b>Pink</b> .....	.30	1.25
2359 " " <b>Scarlet</b> .....	.30	1.25
2361 " " <b>Striped</b> .....	.30	1.25
2363 " " <b>White</b> .....	.30	1.25
2365 " " <b>Mixed</b> .....	.30	1.00
2367 <b>New Giant Flowered Mixed.</b> A new variety of large size with extra large white eyes.....	.50	3.00
2366 <b>Mammoth Choice Mixed.</b> .....	.25	.75
2369 <b>Fine Mixed.</b> .....	.20	.60
2371 <b>Lemon Scented</b> ( <i>Aloysia Citriodora</i> ).....	.30	1.60

**Wallflower**

2400 <b>Double Brown.</b> ..... (1/4 oz., 75c.)	.40	
2402 " <b>Yellow</b> ..... (1/4 oz., 75c.)	.40	
2404 " <b>Mixed</b> .....	.30	2.25
2408 <b>Single Mixed.</b> .....	.10	.15
<b>Paris Extra Early.</b> Single flowering; blooms the first year from seed.		
2407 <b>Blood Red.</b> .....	.15	.75
2409 <b>Yellow</b> .....	.15	.50
2406 <b>Mixed</b> .....	.10	.25

*Viola Cornuta (Tufted Pansies)*

# MICHELL'S RELIABLE VEGETABLE SEEDS, ETC.

**SPECIAL NOTICE** All Vegetable Seeds NOT listed in our Wholesale Catalogue which may be found in the Retail List, are subject to the following discounts from Retail Prices, viz.: Packets 33½ per cent.; ounces, pints and quarts, 25 per cent.; novelties 20 per cent.

**ANISE.** Used for flavoring.....Oz. ¼ lb. Lb.  
\$0.07 \$0.25 \$0.90

**ARTICHOKE.** Large Green Globe......25 .75 2.75

## ASPARAGUS

Barr's Mammoth. Best Green sort (5 lbs. \$1.75)......05 .15 .40  
Columbian Mammoth, White. (5 lbs. \$2.00)......05 .15 .50  
Conover's Colossal. Giant White Variety (5 lbs. \$1.50)......05 .15 .35  
Giant d'Argenteuil. French White sort......10 .25 .80  
Palmetto or Eclipse (5 lbs. \$1.75)......05 .15 .40

## ASPARAGUS ROOTS

	2 year old Roots		3 year old Roots	
	100	1000	100	1000
Barr's Mammoth.....	\$0.50	\$4.50	\$1.00	\$8.00
Columbian Mammoth White.....	.50	4.50	1.00	8.00
Conover's Colossal.....	.50	4.50	1.00	8.00
Giant d'Argenteuil.....	.75	5.00	1.00	8.00
Palmetto or Eclipse.....	.50	4.50	1.00	8.00
Giant Forcing Asparagus (five years old), \$1.50 per doz., per 25 \$2.50, \$9.00 per 100.				

## BEANS—Green Podded, Dwarf Varieties

	Qt.	4 Qts.	Peck	Bushel
Best of All.....	\$0.20	\$0.70	\$1.25	\$5.00
Black Valentine.....	.25	.75	1.40	5.50
Boston Navy or Pea.....	.20	.65	1.10	4.40
Broad Windsor (Dwarf) Green Pod.....	.25	.85	1.50	6.25
Early Long Yellow (6 weeks).....	.20	.70	1.25	5.00
Early Mohawk (6 weeks).....	.20	.70	1.25	5.00
Extra Early Refugee.....	.20	.70	1.30	5.00
Longfellow.....	.25	.90	1.50	6.00
Mam. Stringless (Giant Valentine).....	.25	.85	1.60	6.40
Red Valentine (Improved).....	.25	.80	1.40	5.60
Sion House (forcing).....	.50	1.50	2.75	
Stringless Green Pod.....	.25	.85	1.65	6.50
Triumph of Frames (for forcing).....	.35	1.40	2.15	
White Kidney or Royal Dwarf.....	.20	.60	1.15	4.60
White Marrowfat (used shelled).....	.20	.65	1.25	5.00

## BEANS—Wax or Yellow Podded

	Qt.	4 Qts.	Peck	Bushel
Black or German Wax.....	\$0.25	\$0.90	\$1.60	\$6.40
Currie's R. P. Golden Wax.....	.25	.85	1.60	6.40
Davis' White Wax.....	.25	.90	1.75	7.00
Dwarf Golden Wax (Rust Proof).....	.25	.90	1.65	6.60
Hodson's Yellow Pod Wax.....	.25	.85	1.60	6.40
Round Pod Kidney Wax.....	.25	.90	1.75	7.00
Stringless White Wax.....	.30	1.10	2.00	8.00
Valentine Wax (Round Pod).....	.25	.90	1.75	7.00
Wardwell's Kidney Wax (Flat Pod).....	.30	1.00	1.75	7.00

## BEANS—Pole Sorts not Lima

	Qt.	4 Qts.	Peck	Bushel
Early Golden Cluster. Yellow pod.....	\$0.30	\$1.15	\$2.20	\$8.75
Horticultural. Green Pod.....	.25	.90	1.75	7.00
Kentucky Wonder. Green Pod.....	.25	.85	1.60	6.25
Lazy Wife's. Green Pod.....	.30	1.00	1.75	7.00
Scarlet Runner. Green Pod.....	.30	1.10	1.80	7.20

## BEANS, LIMA—Pole Varieties

	Qt.	4 Qts.	Peck	Bushel
All hand picked				
Carpenteria Pole Lima (new).....	\$0.30	\$1.00	\$1.75	\$7.00
Dreer's Improved.....	.25	.90	1.75	7.00
Extra Early Jersey.....	.25	.90	1.60	6.40
Ford's Mammoth Podded.....	.25	.90	1.60	6.40
King of the Garden.....	.25	.90	1.60	6.40
Michell's Evergreen.....	.40	1.50	2.50	10.00
Michell's Large Jersey (selected).....	.30	1.00	1.75	7.00
Shotwell's Improved. Very early.....	.25	.90	1.70	6.75

See Bush Lima Bean prices top of next column.

## BEANS, LIMA—Bush Varieties

	Qt.	4 Qts.	Peck	Bushel
All hand picked				
Burpee's.....	\$0.30	\$0.95	\$1.75	\$7.00
Burpee's (Improved).....	.35	1.30	2.25	9.00
Dreer's.....	.30	.95	1.75	7.00
Fordhook.....	.35	1.25	2.40	9.50
Henderson's.....	.25	.85	1.65	6.50
New Wonder. Very early.....	.25	.85	1.65	6.50

## BEET—Table Varieties

	¼ Lb.	Lb.	5 Lbs.
Arlington Favorite Blood (Turnip).....	\$0.40	\$1.40	\$6.25
Bassano Extra Early (Turnip).....	.30	1.15	5.00
Bastian's Early Turnip.....	.35	1.25	6.00
Bastian's Half Long.....	.35	1.25	5.75
Crimson Globe. Very fine.....	.50	1.75	8.00
Crosby's Egyptian.....	.50	1.75	8.00
Detroit Dark Red.....	.40	1.50	7.00
Eclipse Extra Early.....	.35	1.30	6.25
Edmand's Blood.....	.35	1.30	6.25
Improved Long Blood.....	.25	.90	4.00
Lentz Turnip (True).....	.35	1.25	6.00
Swiss Chard (Giant Lucullus).....	.25	.85	3.50

## BEET—(Cattle) or Mangel Wurzel

	¼ Lb.	Lb.	5 Lbs.
Golden Tankard.....	\$0.12	\$0.45	\$2.00
Imperial White Sugar.....	.12	.45	2.00
Lane's Improved White Sugar.....	.12	.45	2.00
Mammoth Long Red.....	.12	.45	2.00
Norbiton Giant.....	.12	.45	2.00
Red Globe.....	.12	.45	2.00
Yellow Globe.....	.12	.45	2.00

**BRUSSELS SPROUTS.** Matchless. \$0.15 ¼ Lb. \$0.45 5 Lbs. \$1.40

## CABBAGE—Long Island Grown

	Oz.	¼ Lb.	Lb.
All Head Early.....	\$0.20	\$0.65	\$2.25
All Seasons. Selected (Vandergaw).....	.20	.60	2.00
Danish Ball Head (Winter).....	.25	.75	2.75
Early Drumhead.....	.20	.60	2.00
Early Flat Dutch.....	.15	.50	1.75
Early Jersey Wakefield.....	.20	.60	2.00
(Private Strain).....	.25	.75	2.50
Henderson's Early Summer.....	.15	.50	1.90
Large Jersey Wakefield (Charleston).....	.20	.60	2.25
Large Late Drumhead.....	.15	.40	1.50
Perfection Drumhead Savoy.....	.15	.50	1.85
Red Dutch Drumhead. Late.....	.15	.50	1.75
Selected Late Flat Dutch. Very choice strain.....	.20	.60	2.00
Succession.....	.20	.55	2.00
Volga. Late.....	.20	.70	2.50
Winnigstadt. Early.....	.15	.45	1.75

## CARROT—Choice French Grown Seed

	Oz.	¼ Lb.	Lb.
Chantenay Half Long Scarlet.....	\$0.15	\$0.40	\$1.35
Danver's Half Long Scarlet.....	.15	.35	1.25
Early Scarlet Horn.....	.15	.40	1.50
Guerrande or Oxheart.....	.15	.35	1.25
Half Long Scarlet (point rooted).....	.15	.40	1.50
Long Orange Improved (Nichol's).....	.15	.35	1.25
Long Red Surrey.....	.15	.35	1.25
Rubicon Half Long (private stock).....	.15	.40	1.35
Very Early Scarlet Short Horn (for forcing).....	.15	.50	1.75
White Belgian (for stock feeding).....	.10	.30	.90

## CAULIFLOWER

	¼ Oz.	Oz.	¼ Lb.
Algiers. Large late for outdoor.....	\$0.20	\$0.60	\$2.00
Danish Giant..... (pkt. 20c.)	.80	3.00	10.00
Early Snowball (True). For forcing.....	.65	2.25	7.50
Earliest Snow Storm. For forcing.....			
(Trade pkt. 40c.)	1.25	4.00	14.00
Half Early Paris. For outdoor use.....	.15	.50	1.75
Michell's Selected Erfurt (True). (pkt. 15c.)	.60	2.00	7.00
Veitch's Autumn Giant. For outdoor use.....	.15	.40	1.25



# CELERY

	Oz.	¼ lb.	Lb.
Boston Market .....	\$0.15	\$0.40	\$1.40
Celeriac (Giant Smooth Prague) .....	.15	.50	1.85
Cooper's Cutting. For pot herbs, etc. ....	.15	.40	1.50
Early Snowdrift, fine early white variety ...	.30	1.00	3.00
Fin de Siecle .....	.15	.50	1.75
Flavoring, not good for sowing .....		.08	.25
Giant Pascal .....	.15	.50	1.50
Golden Self-Blanching (Vilmorin), French..	1.30	5.00	
New Columbia, medium height, but very solid and heavy; three stalks make a massive bunch; splendid variety .....	.40	1.35	5.00
Pink Plume .....	.15	.50	1.75
Improved Dwarf Golden Heart .....	.15	.40	1.35
Magnificent. A fine winter variety .....	.25	.75	2.50
Michell's Far Superior (original stock) .....	.15	.50	1.50
Schumacher (True Stock, Late) .....	.20	.50	1.75
White Plume (Improved), best for early use ..	.20	.60	2.00
White Plume (Private Stock), Extra Fine..	.25	.75	2.50
Winter Queen .....	.20	.60	2.25
Winter King. One of the best green, late varieties .....	.25	.75	2.50

# CORN, Sweet or Sugar—Connecticut Grown

	Oz.	4 qts.	Peck	Bush.
Adam's Extra Early .....	\$0.15	\$0.50	\$0.85	\$3.40
Aristocrat Extra Early .....	.20	.70	1.25	5.00
Black Mexican .....	.20	.70	1.25	5.00
Country Gentleman .....	.20	.70	1.25	5.00
Crosby's Extra Early .....	.20	.60	1.10	4.40
Early Mammoth .....	.20	.70	1.10	4.40
Early Evergreen .....	.20	.70	1.25	5.00
Early Giant Wonder .....	.30	1.00	1.75	7.00
First of All .....	.20	.60	1.10	4.00
Golden Bantam .....	.25	.90	1.60	6.25
Improved Ideal, a fine early sort.....	.20	.70	1.25	5.00
Kendel's Early Giant .....	.20	.70	1.15	4.50
Late Mammoth .....	.20	.60	1.10	4.25
Little Gem (Shoe Peg) .....	.20	.70	1.25	5.00
Michell's Delicious .....	.30	1.10	2.00	8.00
Peep O'-Day, very early .....	.20	.60	1.10	4.40
Premo, Extra Early .....	.25	.80	1.40	5.00
Stabler's Extra Early .....	.20	.60	1.10	4.40
Stowell's Evergreen (Selected) .....	.20	.60	1.10	4.25

# CORN—Field Varieties

	Qt.	Peck	Bush.
Giant Beauty .....	\$0.15	\$0.65	\$2.25
Chester Co. Mammoth .....	.10	.55	2.00
Cloud's Early Yellow Dent .....	.10	.60	2.10
Early Yellow Canada or Flint .....	.10	.55	2.00
Golden Beauty Improved .....	.10	.55	2.00
Hickory King, White .....	.10	.55	2.00
Leaming Early Dent .....	.10	.55	2.00
100 Day Early Bristol .....	.10	.55	2.00
Red Cob Ensilage .....	.08	.45	1.75
Sweet or Sugar Fodder .....	.10	.50	1.90
Virginia Ensilage .....	.10	.50	1.75

	Oz.	¼ lb.	Lb.
<b>CHERVIL.</b> Double Curled .....	\$0.10	\$0.30	\$1.00
<b>CHICORY.</b> Large Rooted .....	.08	.20	.70
<b>CORIANDER</b> .....	.07	.20	.50
<b>CORN SALAD.</b> Large Seeded (5 lbs. \$2.00) ..	.05	.15	.45
<b>CHIVES.</b> Strong Clumps. 75c. per doz.; per 100, \$5.00.			

# CRESS

	Oz.	¼ lb.	Lb.
True Erfurt (Water) .....	\$0.25	\$0.85	\$3.00
Extra Curled or Pepper Grass (Garden) ...	.05	.15	.40

**CUCUMBER.** See top of next column.

<b>DANDELION.</b> Thick Leaved (Improved) ..	.25	.85	3.00
<b>DILL</b> .....	.05	.15	.50

# EGG PLANT (New Jersey Grown)

	Oz.	¼ lb.	Lb.
Black Beauty (New) .....	\$0.30	\$1.10	\$4.25
Black Pekin, Very Early .....	.25	.80	2.50
Early Long Purple .....	.15	.55	2.10
Michell's New York Improved Purple.....	.30	1.00	3.75

# CUCUMBER

	Oz.	¼ lb.	Lb.
Covent Garden. For forcing. 20c. per pkt.			
Cumberland .....	\$0.08	\$0.25	\$0.85
Davis' Perfect .....	.10	.25	.85
Emerald .....	.08	.25	.85
Evergreen .....	.08	.25	.85
Japanese Climbing .....	.10	.30	1.00
Jersey Pickle, or Green Prolific .....	.08	.20	.70
Lockie's Perfection. For forcing. 20c. per pkt.			
Long Green Turkey (Improved) .....	.08	.25	.85
Marquis of Lorne. For forcing. 20c. per pkt.			
Rochford's Market. For forcing. 20c. per pkt.			
Sion House. For forcing. 20c. per pkt.			
Small Gherkin or Burr .....	.10	.35	1.35
Telegraph. For forcing. 20c. per pkt.			
Tender and True. For forcing. 20c. per pkt.			
White-Spined (Arlington) .....	.10	.30	1.10
White-Spined (Improved) .....	.08	.20	.75

# ENDIVE

Broad Leaved Batavian (Escarolle) .....	.10	.35	1.25
Giant Fringed .....	.15	.50	1.50
Improved Green Curled .....	.10	.30	1.00
White Curled, self-blanching .....	.10	.35	1.25

<b>FENNEL</b> .....	.07	.20	.65
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# KALE

Dwarf Green Curled German .....	.07	.20	.50
Dwarf Green Scotch .....	.07	.20	.60
New Imperial Long Standing (5 lbs. \$2.50)..	.07	.20	.60

# KOHL RABI

Blue or Purple Vienna .....	.15	.50	1.50
Earliest White Erfurt, for frame sowing....	.25	.65	2.25
Early White Vienna .....	.15	.50	1.50

<b>LAVENDER</b> .....	.15	.50	1.50
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# LEEK

Giant Carentan .....	.15	.50	1.50
Large Musselburgh .....	.15	.50	1.50
London Flag .....	.15	.40	1.25

# LETTUCE

All Heart .....	.20	.60	1.75
All-Right, Spring and Autumn .....	.20	.60	2.00
Big Boston (Selected Stock) .....	.12	.35	1.25
Black Seeded Simpson (Loose Leaved).....	.10	.30	1.00
Boston Market (White Seeded) .....	.10	.30	1.00
Cabbage Head Giant .....	.20	.60	2.25
California Cream Butter .....	.10	.30	1.00
California Forcing, an elegant sort for fall sowing .....	.20	.60	2.00
Deacon, excellent for summer .....	.10	.30	1.00
Dutch Butter Spotted .....	.10	.35	1.25
" " Private Stock .....	.15	.50	1.75
Early Cabbage or White Butter .....	.10	.30	1.00
Early Curled Simpson (Loose leaved) .....	.10	.30	1.00
Emperor Forcing (Excellent) .....	.10	.35	1.25
Golden Queen .....	.10	.35	1.10
Grand Rapids, Forcing .....	.10	.30	1.10
Hanson, Improved .....	.10	.30	1.15
Iceberg (summer sowing) .....	.10	.30	1.10
Kingsholm Cos. or Romaine .....	.10	.30	1.10
Mammoth Salamander (True) .....	.15	.35	1.25
May King .....	.15	.40	1.25
Michell's "Number One," new, excellent for outdoor sowing or under sash .....	.15	.40	1.50
Salamander (Summer sowing) .....	.10	.30	1.10
Sensation (for summer sowing) .....	.15	.35	1.25
Silesian, loose leaved .....	.10	.30	1.00
Silver Ball, summer sowing and forcing.....	.10	.30	1.00
Tennis Ball (Black Seeded), for summer sowing and forcing .....	.10	.30	1.00
Trionon Cos. (Celery Lettuce) .....	.10	.30	1.10
Unrivald .....	.15	.35	1.25
Wonderful (forcing and summer use) .....	.15	.40	1.25

**Musk Melon (or Cantaloupe)**

Blenheim Orange, for forcing. Pkt. 20c.	Oz.	¼ Lb.	Lb.
Burrel Gem. New, very fine.....	\$0.10	\$0.30	\$1.00
Delicious. New, very fine.....Pkt. 10c.	.40	1.00	3.75
Extra Early Hackensack.....	.07	.20	.70
Emerald Gem.....	.10	.30	1.00
Golden Jenny.....	.07	.20	.70
Invincible Scarlet. For forcing. Pkt. 20c.			
Jenny Lind (Improved).....	.07	.25	.85
Rockyford (Colorado, True).....	.10	.25	.85
Sutton's Ar. Original pkts. For forcing, 45c.			
Windsor Castle. For forcing. Pkt. 20c.			

**Watermelon**

Black Boulder.....	.07	.20	.65
Cuban Queen.....	.07	.20	.60
Dark Icing.....	.07	.20	.60
Dixie.....	.07	.20	.60
Halbert Honey.....	.07	.20	.70
Florida Favorite.....	.07	.20	.60
Light Icing.....	.07	.20	.60
Mountain Sweet.....	.07	.15	.50
Sweet Heart.....	.07	.20	.60
Tom Watson (best for shipping).....	.10	.25	.85
Kleckley Sweets.....	.07	.20	.70

**Okra**

Dwarf Green Improved.....	.07	.15	.40
Perkins' Long Pod Improved. Very Dwarf	.07	.15	.50
White Velvet or Creole.....	.07	.15	.40

**Onion**

Tree or Top Onion Sets. 10c. per qt., per bushel \$2.75.

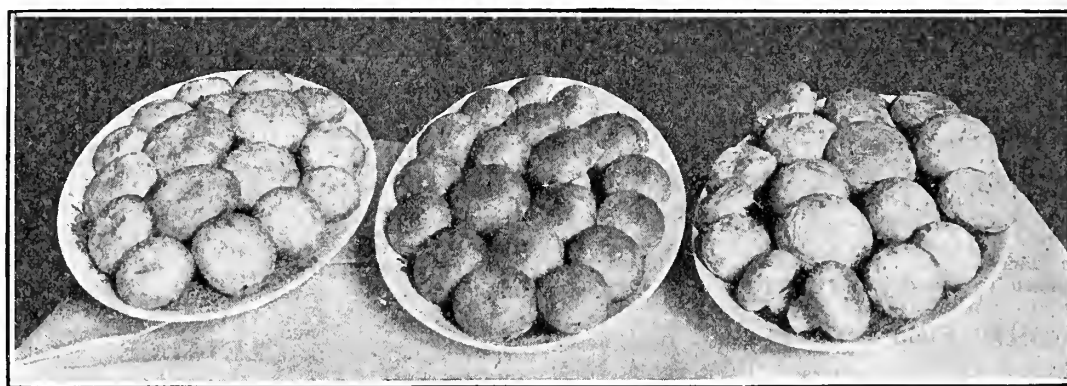
	Oz.	¼ Lb.	Lb.
Ailsa Craig. Yellow.....	\$0.25	\$0.75	\$2.50
Bermuda, Red.....	.20	.60	2.35
Bermuda, White.....	.20	.60	2.25
Large Red Wethersfield.....	.15	.40	1.25
Prize Taker, Yellow (5 lbs. \$7.00).....	.15	.40	1.50
Southport Red Globe.....	.10	.35	1.25
Southport White Globe.....	.20	.70	2.50
Southport Yellow Globe.....	.10	.35	1.25
White Barletta.....	.15	.50	1.75
White, Silver Skin (5 lbs. \$10.50).....	.20	.60	2.25
Yellow Globe Danvers (5 lbs. \$6.25).....	.10	.35	1.35
Yellow Strasburg (5 lbs. \$5.50).....	.10	.30	1.15

**Parsley**

Champion Moss Curled. Very fine.....	.10	.30	1.00
Double Curled Covent Garden.....	.10	.35	1.00
Hamburg or Rooted.....	.10	.35	1.25
Summer Green.....	.10	.35	1.25

**Parsnip**

Improved Sugar or Hollow Crown.....	.08	.20	.60
Student or Guernsey.....	.08	.20	.60



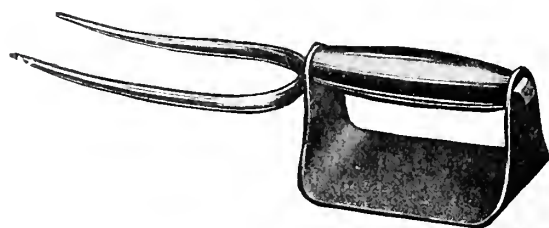
## Headquarters for **SUPERIOR MUSHROOM SPAWN** NEW CROP NOW READY

**BRANDYWINE PURE CULTURE SPAWN**

This type produces heavy, short-stemmed mushrooms of uniform size. The bricks are inoculated with Pure Spawn culture in the same manner as the "Lambert" strain. While this brand is comparatively new, it bids fair to become very popular in a short while; the bricks are larger than other brands.

**PRICES**

1 Brick.....	\$0.25	25 Bricks.....	\$4.00
1 " postpaid.....	.35	50 " .....	7.75
5 " .....	1.15	100 " .....	15.00
12 " .....	2.15	1000 " .....	150.00

**LAMBERT'S PURE CULTURE SPAWN**

This type produces larger mushrooms than the English, coming into bearing somewhat earlier, and continuing for a longer time. **Standard No. 8 Cream White.** For use from April to October. **Standard No. 9 Pure White.** For use from October to April.

**Prices of Pure Culture Spawn. Standard Bricks.**

Per brick, about 1½ lbs..	\$0.20	25 Bricks.....	\$3.25
Per brick, postpaid.....	.30	50 " .....	6.00
5 bricks.....	.90	100 " .....	11.00
12 " .....	1.80	1000 " .....	105.00

**Direct No. 8 Cream White.** For use from April to October. **Direct No. 9 Pure White Type.** For use from October to April.

**Prices of Pure Culture Spawn. Direct Bricks**

Per brick.....	\$0.25	50 Bricks.....	\$7.50
Per brick, postpaid.....	.35	100 " .....	14.00
12 bricks.....	2.15	1000 " .....	135.00
25 " .....	4.00		

**MICHELL'S ENGLISH MUSHROOM SPAWN**

15c. per brick (25c. postpaid); per doz., \$1.40; 25 lbs., \$1.60; \$6.00 per 100 lbs.; per 1000 lbs. \$55.00.

**Spawn Planter**

An ingenious device for planting mushroom spawn. Opens the trench and closes it. 75c. each. (See cut opposite.)



# PEAS

	Qt.	4 Qts.	Peck	Bu.
Ameer. Very early.....	\$0.30	\$1.15	\$2.00	\$8.00
Alaska. Extra Early.....	.30	1.10	1.85	7.25
Alderman. Late.....	.40	1.40	2.10	8.25
American Wonder (Extra Early)....	.30	1.10	2.00	8.00
Black Eye Marrowfat (Late).....	.20	.75	1.40	5.60
Bliss, Abundance (Medium Early)....	.30	1.10	1.75	7.00
Bountiful.....	.40	1.30	2.25	9.00
Champion of England (Late).....	.35	1.25	2.00	8.00
Daisy or Dwarf Telephone (Medium)	.40	1.50	2.75	11.00
Dandy (Extra Early), Michell's.....	.35	1.20	2.00	8.00
Dwarf Champion (Late).....	.35	1.25	2.00	8.00
Dwarf Sugar (Edible Pod).....	.30	1.10	2.00	8.00
Early June.....	.30	1.10	1.75	7.00
Eureka (Extra Early, True).....	.30	1.10	1.65	6.50
Early Morn. One of the earliest wrinkled peas.....	.40	1.30	2.25	9.00
Fillbasket (Late). True Stock. Splendid market garden variety.....	.30	1.10	2.00	8.00
Gradus or Prosperity (Extra Early)...	.45	1.50	2.75	10.00
Heroine (Medium Early).....	.30	1.10	2.00	8.00
McLean's Little Gem (Extra Early)...	.35	1.25	2.00	7.75
Long Island Mammoth (Medium)....	.30	1.10	2.00	8.00
Melting Sugar (Tall).....	.40	1.50	2.50	10.00
Michell's Special Extra Early.....	.40	1.50	2.50	10.00
Nott's Excelsior (Extra Early).....	.35	1.25	2.00	8.00
Pride of the Market (Medium).....	.35	1.25	2.00	9.00
Saxonia.....	.40	1.40	2.50	10.00
Stratagem (Improved Late).....	.40	1.40	2.25	9.00
Sutton's Excelsior.....	.40	1.50	2.50	10.00
Telephone (Late).....	.40	1.40	2.00	8.00
Thos. Laxton (Very Early).....	.45	1.50	2.75	10.00
White Marrowfat (Late).....	.20	.75	1.40	5.60

# PUMPKIN

	Oz.	¼ Lb.	Lb.
Golden Cashaw or Crookneck.....	\$0.07	\$0.20	\$0.65
Large Cheese.....	.07	.20	.60
Large Conn. Field.....	.05	.10	.30
Large Tours or Mammoth.....	.10	.25	.80
Tennessee Sweet Potato.....	.07	.20	.70
Winter Luxury.....	.10	.20	.70

# PEPPER

	Oz.	¼ Lb.	Lb.
Bull Nose or Sweet Bell.....	.20	.60	2.00
Cayenne (Long Red).....	.15	.50	1.75
Celestial.....	.20	.60	2.00
Chinese Giant.....	.35	1.25	4.50
Golden Dawn (Large Yellow).....	.20	.60	2.00
Hot Bull Nose.....	.20	.65	2.25
Large Sweet Spanish.....	.20	.60	2.00
Neapolitan.....	.20	.70	2.50
Red Cherry.....	.20	.60	2.00
Ruby Giant (New).....	.30	1.10	4.00
Ruby King.....	.20	.60	2.25
Small Chili.....	.20	.60	2.00

# RADISH

	Oz.	¼ Lb.	Lb.
Beckert's Chartier (Long Scarlet).....	.07	.20	.60
Black (½ Long Winter).....	.07	.20	.60
Black Spanish (Long Winter).....	.07	.15	.45
Black Spanish (Round Winter).....	.07	.15	.45
Brightest Scarlet (½ Long).....	.07	.15	.50
California White Winter.....	.07	.20	.60
Cardinal Globe.....	.07	.20	.65
" (Improved Strain).....	.10	.30	1.00
Celestial or White Chinese (Winter).....	.07	.20	.70
China Rose Winter (Half-long).....	.07	.20	.60
Crimson Giant (New).....	.07	.20	.70
Fireball.....	.07	.20	.60
French Breakfast.....	.07	.20	.60
Golden Olive Shaped (Yellow).....	.07	.15	.50
Icicle (Long, Pure White).....	.07	.20	.60
Large White Summer (Turnip-Shaped)....	.07	.15	.45
Long Scarlet Short Top.....	.07	.15	.50
Long White Lady Finger.....	.07	.15	.50
Round Red Turnip (Early).....	.07	.20	.60
Round White Turnip (Early).....	.07	.20	.60
White Box (Felton's Private Stock).....	.07	.20	.60
White Box (Philadelphia grown).....	.07	.15	.50
White Strasburg (½ Long).....	.07	.15	.50

# RHUBARB

	Oz.	¼ Lb.	Lb.
Linnaeus.....	\$0.10	\$0.30	\$1.00
Victoria.....	.10	.30	1.00

# SALSIFY

	Oz.	¼ Lb.	Lb.
Long White.....	.07	.25	.90
Mammoth Sandwich Island.....	.10	.30	1.00
SORREL. French Broad Leaved.....	.12	.25	.80

# SPINACH

	¼ Lb.	Lb.	Pk. of 40 lbs.	Bush.
Bloomsdale Savoy.....	\$0.08	\$0.20	\$1.40	\$5.50
Garden Giant (New).....	.10	.30	2.25	
Long Season (New).....	.10	.25	1.60	6.25
New Zealand (7c. per oz.).....	.20	.75	(10 lbs. \$6.00)	
Victoria (Long Standing).....	.08	.20	1.40	5.50

# SQUASH

	Oz.	¼ Lb.	Lb.
Boston Marrow.....	\$0.07	\$0.20	\$0.60
Early White Bush (Mammoth).....	.07	.20	.65
Golden Custard.....	.07	.20	.60
Delicious.....	.07	.25	.85
Golden Hubbard.....	.07	.25	.90
Vegetable Marrow.....	.07	.20	.70
Yellow Summer Crook Neck.....	.07	.15	.55
SAGE.....	.10	.30	1.00
SAVORY (Summer).....	.10	.30	1.00
SWEET BASIL.....	.10	.30	1.00
SWEET MARJORAM (Imported)...	.15	.50	1.60
SWISS CHARD Giant Lucullus.....	.10	.25	.85
THYME.....	.30	1.10	4.25

# TOMATO

	Oz.	¼ Lb.	Lb.
Beauty.....	.15	.50	1.75
Best of All—Sutton's Original. Pkt. 40c.			
Comet. (For forcing.) Pkt. 10c.....	.35	1.20	4.00
Bonny Best, a Prolific Early Sort.....	.30	1.00	3.00
Dwarf Champion.....	.20	.60	2.00
Dwarf Stone.....	.20	.65	2.50
Earliana, Sparks'.....	.20	.60	2.25
Early Jewel, Chalks'.....	.25	.75	2.75
Eclipse—Sutton's Original. Pkt. 40c.			
Extra Early "Crackerjack." Pkt. 10c.....	.75	2.50	8.00
Favorite.....	.15	.50	1.75
June Pink.....	.20	.60	2.25
Livingston's Globe.....	.20	.60	2.25
Lorillard. (For forcing.) Our own growing..	.25	.65	2.25
Matchless.....	.20	.60	2.25
Michell's Improved Globe.....	.35	1.25	4.50
Michell's "Very First".....	.40	1.35	5.00
Paragon.....	.15	.50	1.75
Ponderosa.....	.25	.90	3.25
Red Rock.....	.25	.85	3.00
Stone, Improved.....	.20	.60	2.00
Stone (Michell's Private Strain).....	.25	.75	2.50
Trophy.....	.15	.50	1.75
Yellow Golden Queen. Large round yellow..	.20	.70	2.25
Yellow Pear. (Our own growing.).....	.20	.60	2.00

# TURNIP AND RUTA BAGA

	Oz.	¼ Lb.	Lb.
Cow Horn.....	.07	.15	.50
Early Red or Purple Top. Strap Leaved Flat	.05	.15	.45
Early White Egg.....	.05	.15	.45
Extra Early Munich. Purple Top.....	.07	.15	.50
Purple Top Globe (Private Stock).....	.10	.20	.70
Purple Top White Globe (5 lbs. \$2.25).....	.07	.15	.50
Robertson's Golden Ball.....	.05	.15	.40
Ruta Baga, Yellow Purple Top.....	.05	.15	.40
" Private Stock, Globe Shaped.....	.10	.20	.75
Snow Ball. Extra Early, White.....	.07	.15	.45
White Flat Dutch, Strap Leaved.....	.05	.15	.40
White Milan. Extra Early.....	.07	.20	.70
Yellow Aberdeen. Flat.....	.05	.15	.40
Yellow Globe or Amber.....	.05	.15	.40





# MICHELL'S LAWN GRASS MIXTURES

**MICHELL'S EVERGREEN GRASS SEED**  
(OUR LEADER)  
20 lbs. per bushel  
85c. per peck;  
bushel \$3.25

**MICHELL'S GREEN VELVET GRASS SEED**  
(The New Lawn Grass)  
20 lbs. per bushel  
\$1.00 per peck;  
bushel \$4.00

**MICHELL'S SHADED LAWN GRASS SEED**  
(20 lbs. per bushel)  
\$1.00 per peck; bushel \$4.00

## CLIMAX LAWN SAND HILLS WEEDS BUT NOT THE GRASS.

We have absolute confidence in recommending this article for what it is suggested, viz.: to kill weeds in the lawn. Pamphlet giving detailed information with thorough instructions for use, mailed upon application. A ready seller. Florists with stores will find this profitable to handle. 3 1/4 lbs., 30c.; 60c. per 7 lbs.; 14 lbs., \$1.00; \$1.60 per 28 lbs.; 56 lbs., \$2.80; \$4.80 per 112 lbs.; 560 lbs., \$20.00.



# MICHELL'S "RECLEANED" CLOVER, FARM AND GRASS SEEDS

Grasses and Clovers represent a very large volume of our business. Last year it aggregated nearly 500,000 lbs. We buy direct from the cleaners and growers and are invariably able to save our customers considerable money in this line. Our stock of native and foreign grown grasses is subjected to the most critical purity and germination tests by the U. S. Dept. of Agriculture prior to being offered for sale by us.

## Grass Seed Mixtures

<b>Michell's "Top Notch" Lawn Seed.</b> (25 lbs. per bu.) This is the very best grass mixture that can be put together. Per peck, \$1.75; \$6.25 per bushel.	1 Qt.	4 Qts.	Peck	Bu.	5 Bus.
<b>Michell's Green Velvet Lawn Seed</b> (20 lbs. per bu.)	\$0.20	\$0.60	\$1.00	\$4.00	\$19.00
<b>Michell's Evergreen Lawn Seed</b> (20 lbs. per bu.)	.20	.50	.85	3.25	15.75
<b>Michell's Shaded Lawn Seed</b> (20 lbs. per bu.)	.20	.60	1.00	4.00	19.00
<b>Fairmount Park Lawn Seed</b> (15 lbs. per bu.)	.10	.35	.60	2.00	9.75
<b>Evergreen Grass, with no clover</b> (20 lbs. per bu.)	.20	.50	.85	3.25	15.75
<b>Special Sod Grass Mixture</b> (15 lbs. per bu.)	.20	.60	.85	3.00	14.00
<b>Seashore Lawn Seed</b> (20 lbs. per bu.)	.20	.50	.85	3.25	15.75
<b>Lawn Tennis Grass Seed</b> (20 lbs. per bu.)	.20	.50	.85	3.25	15.75
<b>Golf Course Grass Seed</b> (15 lbs. per bu.)	.10	.35	.70	2.75	13.00
<b>Terrace or Embankment Lawn Seed</b> (20 lbs. per bu.)	.20	.60	1.00	4.00	19.00
<b>Southern States Lawn Seed</b> (15 lbs. per bu.)	.10	.35	.70	2.75	13.00
<b>Putting Greens Grass Seed</b> Michell's Formula (20-lb. bu.)	.20	.60	1.25	5.00	22.50
<b>Permanent Pasture Grass Seed</b> (15 lbs. per bu.)	.15	.40	.60	2.25	11.00
<b>Hay Field Mixture</b> (15 lbs. per bu.)	.15	.40	.60	2.25	11.00

These mixtures are fully described in our General Retail Seed Catalogue.

## Grass Seed in Packages for Counter Trade

Evergreen and Shaded Lawn Grass Seeds are sold outright only. Under no circumstances do we consign it.

	Per doz.	Per 100	Per 1000
<b>Fairmount Park.</b> Pint boxes.....	\$0.65	\$5.00	\$47.50
<b>Fairmount Park.</b> Quart boxes.....	1.25	10.00	97.50
<b>Evergreen.</b> Pint boxes.....	1.20	9.50	90.00
<b>Evergreen.</b> Quart boxes.....	2.00	15.00	140.00
<b>Shaded Lawn.</b> Pint boxes.....	1.20	9.50	90.00
<b>Shaded Lawn.</b> Quart boxes.....	2.00	16.00	150.00

## Seasonable Farm Seeds

**Penna. White Winter Rye.** Sow 1 to 1½ bushels per acre during September, October or November. 10c. qt., peck 40c., \$1.35 per bushel.

**Winter Vetch** (*Vicia villosa*). Used for turning under as green manure. Sow ½ to 1 bushel per acre during September or October. 12c. lb.; large quantity price on application.

**Timothy.** For sowing among wheat or as a hay crop. Sow ½ bushel per acre. 10c. lb.; large quantity price on application.

**Winter Wheat.** These are grown for us on contract. Very fine strains of this of the following varieties: **Winter Fife, Dietz, Longberry, Red Mediterranean, Lancaster Red, Fultz, Fultzo-Mediterranean.**

Send for samples and prices. We can also supply all other Farm Seeds. Consult our Spring Catalogue.

## Grasses in Separate Varieties

Prices Subject to Market Changes

We handle the best recleaned grass seeds in separate varieties. Some persons like to do their own mixing or prefer to sow only one kind of grass; **we make no charge for mixing.**

Lbs. per bu.	Lb.	Bushel	100 Lbs.
14 <b>Awnless Brome Grass.</b> 40 lbs. per acre..	\$0.18	\$2.25	\$15.00
<b>Bermuda Grass</b> .....	1.15		
14 <b>Blue Grass</b> (Kentucky). Extra Fancy. 3 to 5 bu. per acre (65c. per peck).....	.20	2.50	16.50
14 <b>Blue Grass</b> (Canadian). 3-5 bu. per acre. ....	.12	1.50	9.00
20 <b>Creeping Bent.</b> 4 bu. per acre.....	.30	5.50	25.00
21 <b>Crested Dogtail.</b> 3½ to 4 bu. per acre..	.35	6.00	27.50
24 <b>English Rye</b> (Pacey's Fancy Perennial Rye), fine for lawns. 3 bu. per acre....	.10	2.00	7.50
14 <b>Fine Leaved Sheep's Fescue.</b> .....	.45	5.50	37.50
32 <b>Herd or Red Top.</b> Fancy recleaned.....	.20	5.75	17.00
10 <b>Herd or Red Top.</b> Unhulled. 4 to 5 bu. per acre.....	.15	1.25	10.00
12 <b>Hard Fescue.</b> 30 lbs. per acre.....	.25	2.60	20.00
12 <b>Italian Rye.</b> 50 lbs. per acre.....	.12	1.75	9.00
28 <b>Meadow Fescue.</b> English Blue Grass....	.15	2.50	11.00
12 <b>Orchard.</b> 40 lbs. per acre.....	.20	2.10	14.50
14 <b>Red or Creeping Fescue.</b> .....	.30	3.75	25.00
14 <b>Rhode Island Bent.</b> 40 lbs. per acre....	.30	3.85	25.00
12 <b>Sheep's Fescue.</b> 40 lbs. per acre.....	.25	2.50	20.00
<b>Sweet Vernal</b> (Perennial). (5 lbs., \$2.25) 3 lbs. per acre with other grass.....	.50		40.00
<b>Sweet Vernal</b> (Annual). (5 lbs., 90c.) .....			
14 <b>Slender Leaved Fescue.</b> .....	.45	5.50	37.50
10 <b>Tall Meadow Oat</b> (French Rye Grass) ..	.25	2.00	18.00
45 <b>Timothy Seed.</b> ½ bu. per acre alone... ..	.10		
15 <b>Various Leaved Fescue.</b> .....	.30	3.75	23.00
14 <b>Wood Meadow.</b> 30 lbs. per acre.....	.40	4.75	32.00

## Recleaned Clovers (Prices Subject to Change)

**Alfalfa or Lucerne.** The most valuable forage crop on the American farm to-day. It is sown during May, August and September, although it can be sown at other times with a possible chance of doing well. Our Special Circular on Alfalfa is free for the asking. Sow not less than ½ bushel (30 lbs.) per acre, preferably with no other crop. Price per lb., 25c. Write for price on larger quantities, as it changes constantly.

**Alsike or Swedish Clover** (*Trifolium Hybridum*). It grows from 1 to 2 feet high, is sown early in the spring or late summer and early autumn. It is as nutritious as red clover. Sow 10 to 15 lbs. per acre alone or 8 lbs. per acre with timothy. Price, 25c. lb. Price on larger quantity on application.

**Bokhara Clover** (*Melilotus Alba*). Extensively used as a bee food and for soiling (green manure). It grows from 3 to 5 feet high, according to soil and location. Sow 15 lbs. per acre in early spring alone, or 10 lbs. per acre with other crops. Price, 30c. per lb., 10 lbs. \$2.50.

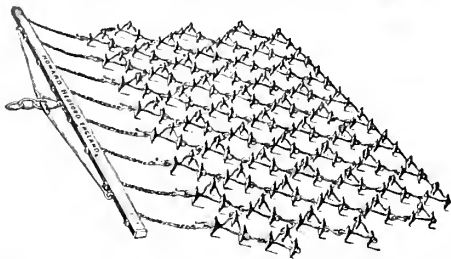
**Crimson Clover** (*Trifolium Incarnatum*). Delaware Grown Seed. This is used principally for soiling or green manuring, for which purposes it is highly valuable. Sow any time from April to October, the earlier the better, 20 lbs. to the acre. Price, 15c. per lb. Larger quantity prices on application.

**Red Clover, Medium** (*Trifolium pratense*). Height from 18 inches to 2½ feet. Sow early in the spring or in late summer—July and August; if alone 20 lbs. per acre; if with other crops 10 lbs. per acre. Price, 25c. lb.; larger quantity, price on application.

**Mammoth Red Clover** (*Trifolium Pratense Perenne*). This differs from the "Medium," being of a ranker growth. It ripens somewhat later and is more hardy, lasting several seasons longer than the medium red clover. Sow in early spring or in July and August, using 20 lbs. per acre. Price, 25c. per lb.; larger quantity prices on application.

**White Dutch or Lawn Clover** (*Trifolium Repens*). For mixing with lawn grass it helps establish a quick, permanent turf. Apply 10 to 12 lbs. per acre if sown alone or 5 lbs. if sown on old turf. Prices: ¼ lb. 13c., 40c. lb., 5 lbs. \$1.80, \$4.25 for 10 lbs., bu. (60 lbs.) \$21.00, \$35.00 per 100 lbs.

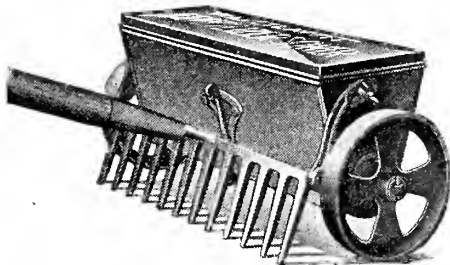
# NECESSITIES FOR GOLF AND GRASS GROUNDS



## SCOTCH CHAIN GRASS HARROW

Positively the very best harrow to be had for putting the ground (where a lawn or pasture land is to be established) in the finest possible condition. Very good also for dragging over roads and drives for the purpose of smoothing same. Made entirely of steel; never wears out.

No. 1—For 1 horse, 5 x 6 feet .....\$16.00  
 No. 2—For 2- " 6 x 7 3/4 " ..... 22.75  
 No. 3—For 2- " 9 x 11 " ..... 28.50



## VELVET FERTILIZER SOWER

The only hand-power Fertilizer Sower on the market that will sow evenly, accurately and any desired amount, all brands of pulverized dry fertilizers. The Fertilizer Box, or Hopper, is made of heavy Galvanized Metal and holds fifteen pounds. The amount sown is under absolute control, to a fraction of a pound. It is equipped with an Agitator, as well as Force Feeders. It ensures the even spreading of the fertilizer over the ground the entire width of the machine, and the machine sets so close to the ground that the wind has no chance to blow the fertilizer about while being distributed. Price, \$5.70.

## THE STEVENS FERTILIZER DISTRIBUTOR



finished, covering area 3 feet wide. Price, \$11.00.

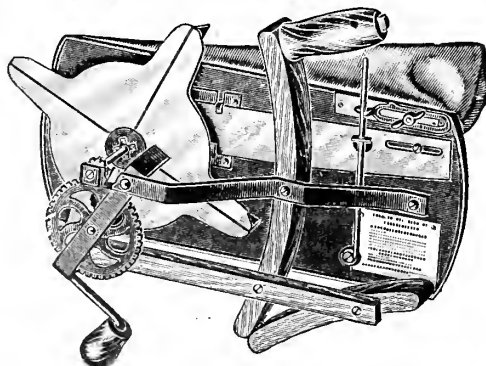
For distributing bone meal, wood ashes, and other commercial fertilizers on fields, lawns, etc. Ensures perfect and even distribution, requiring less time than by the hand process. Machine holds about 1 3/4 bu., nicely

## BROADCAST SEED SOWERS

For accurately sowing Timothy, Clovers, Millets and heavy seeds of grass and other farm crops. Can be regulated to sow any required quantity per acre.

Cahoon Make,  
each ...\$3.00

Ritten house  
(see cut),  
each ...\$1.50

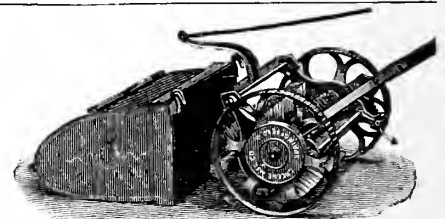


## WHEELBARROW GRASS SEEDERS

These machines are now largely used for distributing grass and other seeds over large areas. The distributing box is very near the ground which is an important feature, preventing the seed from blowing away and thus coming up unevenly. Price (14 feet sowing area), \$6.65.

## APOLLO LAWN CLEANERS

For sweeping lawns, paths, golf greens, tennis courts, etc. 28 inches wide, with rubber tires. Price, \$16.25.



## "VELVETLAWN" SEEDER

An excellent machine for properly sowing grass seed. It places it in the ground in close furrows, covers and rolls it at one operation. The result is an even, quick growth of grass. Fine for resowing in established lawns.

Price, \$14.25.



## PENNA. LAWN CLEANER AND RAKE

Cleaning area, 24 inches, Steel rake teeth, flexible teeth bars, excellent for cleaning lawns, greens, tennis courts. Price, \$15.20.

All Prices Subject to Market Changes



**STEEL GARDEN RAKES**

Made of best cast steel, with long teeth for penetrating the ground.

5 tooth.....\$0.30	12 tooth.....\$0.50
6 tooth......40	14 tooth......55
8 tooth......40	16 tooth......60
10 tooth......45	18 tooth......65

**STEEL GRAVEL RAKES**

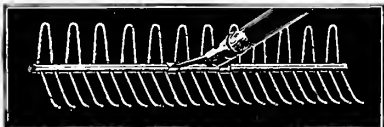
These rakes are used for road-raking and for paths. Having very short teeth they do not gather up stones or gravel.

12 tooth.....\$0.50	16 tooth.....\$0.60
14 tooth......55	18 tooth......65
20 tooth......70	

**STEEL BOW RAKES**

Preferred by many to the regular garden rake. The teeth are slightly bent toward the operator.

11 tooth.....\$0.55	13 tooth.....\$0.60
15 tooth......65	

**GIBBS OR LAWN QUEEN RAKE**

Made of heavy tinned steel wire. These are excellent for lawn or walk work. The rake is reversible and will answer several purposes.

24 tooth.....\$0.45	36 tooth.....\$0.65
---------------------	---------------------

**OLE OLSEN LAWN RAKES**

This rake head is slightly curved from the centre to each end which does not allow any material that has been caught by the teeth to slip around the edges.

26 tooth, hickory wood. Price, 45c.

**LAWN KING RAKES**

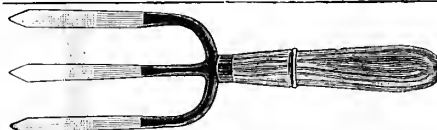
Made of best hard wood, thoroughly braced with iron. The most excellent wooden lawn rake in the market.

22 tooth.....\$0.25	38 tooth.....\$0.65
26 tooth......45	50 tooth......90

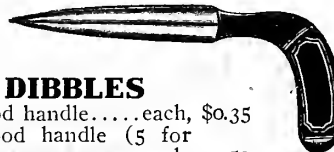
**LANG'S HAND WEEDER**

HANDIEST TOOL ON EARTH.

25c. each, doz. \$2.50



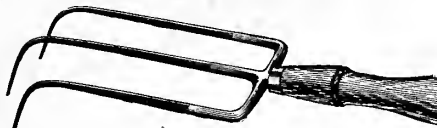
Eureka Weeding Fork, 25c. each, doz. \$2.50

**DIBBLES**

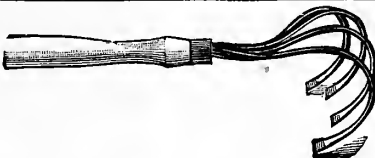
Iron, wood handle.....each, \$0.35  
Bass, wood handle (5 for \$2.25) .....each, .50



Hazeltine Weeder, 25c. each, doz. \$2.50



Eureka Weeder, 25c. each, doz. \$2.50

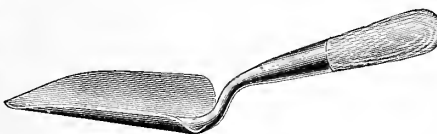


Yoder Weeder, 25c. each, \$2.50 per doz.

**JOHNSON'S STEEL TROWELS**

These are made of one piece steel blade and shank, equal to the imported trowels.

	Doz.	Each
2II. 5 inch .....	\$3.25	\$0.30
2II. 6 inch .....	4.50	.40
2II. 7 inch .....	5.50	.50
2II. 8 inch .....	6.50	.60

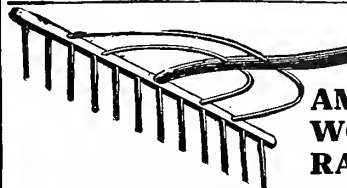
**STEEL SHANK TROWEL**

Many prefer these as they are somewhat longer in blade and handle, making a very practical tool. 6 in. blade. One of them will last a lifetime. 50c. each, doz. \$5.50.

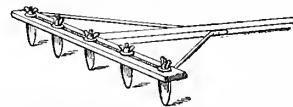
**AUTOMATIC LAWN RAKE**

This rake is fitted with an unloading head. While raking, this head lies forward, and upon pressing the rake forward, the unloading head moves backward cleaning out the raking head entirely.

22 tooth.....\$0.45	38 tooth.....\$0.90
26 tooth......55	50 tooth.....1.25

**AMES WOODEN RAKES**

14 tooth with wood bows.	For hay, etc.	\$0.50
24 " " " "	" lawns	.65
24 " " steel " "	" "	.70

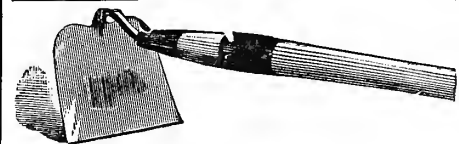
**MARKING RAKES**

These are for marking out garden rows; adjustable brass teeth, which are set for any width row desired up to 4½ ft. Price, 5.00. (Extra teeth, 50c. each.)

**HALF MOON HOES**

Best steel, solid sockets, which will not pull out.

3-inch .....	\$0.30
4 " .....	.35
5 " .....	.40
6 " .....	.45
7 " .....	.50
8 " .....	.55

**SQUARE HOES**

6-inch, solid shank.....	\$0.40
7 " " " .....	.45
8 " " " .....	.50

**SQUARE CELERY HOES**

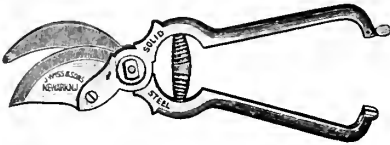
10-inch .....	\$0.75
14-inch .....	\$1.15

**Our Garden Tool Department we**

believe to be the most fully equipped of any seed store in the United States. Most every tool of real merit for garden work will be found here, and of the best quality.

**PRUNING SHEARS, ETC.**

Our pruning shears are procured from the most reliable makers in America and Europe and but 03 are fully guaranteed in every particular.



No.	Wiss Pruning Shears	
109	Wiss, 8 in.	\$1.75
190	Henckle pattern, 7½ in.	1.00
200	" 8½ in.	1.25
210	" 9½ in.	1.50
	Searight, 8½ in., compound blade.	1.60
	Rhodes Double Cut, 9 in.	1.60

The Henckle patterns are equipped with a ratchet nut which takes up all wear and allows the shear to make a perfect cut at all times.

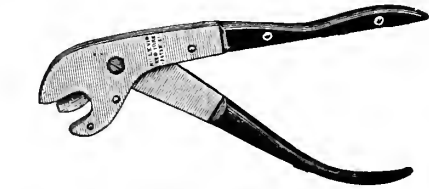


88	Hessenbruch, 8 in. (see cut)	\$0.90
1537	German, 8 in.	.55
03	American, 8 in.	.30
23	Nickeled, 4½ in.	.65
23	" 5½ in.	.75
23	" 6½ in.	.90
	Spiral Springs for Pruning Shears. 8c. each; per doz., 85c.	

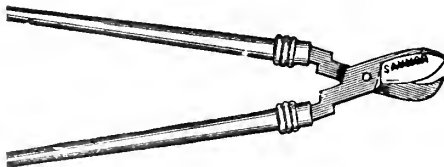
**FRENCH PRUNING SHEARS**

These have a distinct, very easy working spring, and are especially desirable for one whose hand is liable to fatigue when pruning.

French, small, 7 inch	\$1.10
" large, 8½ inch	1.35
Springs for French Pruning Shear	.20

**LEVIN PRUNER**

On account of its peculiar construction, the handle of this shear affords a great deal of leverage, which makes very easy cutting possible. Price, 60c.

**LOPPING SHEARS**

For tree and heavy hedge pruning.

English	\$3.15
Rockdale Style	.90
Clipper. Equipped with a lever blade.	1.80
Rhodes' Double Cut	2.35
Searight	1.75

**TREE PRUNERS**

Disston's Pole Pruner



Pruner and Saw

Disston's Little Giant. (See cut) \$1.00  
Disston's Little Giant. With saw attachment. (See cut) 1.35

**TELEGRAPH TREE PRUNER**

Price, 85 cents

**HESSENBRUCH TREE PRUNER**

No.	Price
5340	\$1.10
1820	2.25
1806	1.60
1805	.65

**WATERS TREE PRUNERS**

With removable cutting blade and pole complete.

4 feet	\$0.65
6 "	.75
8 "	.90
10 "	1.00
12 "	1.10
14 "	1.35

Extra blades for Waters Pruners, 20c. each.

**SEARIGHT'S COMPOUND LEVER TREE PRUNER**

8 ft. pole	\$1.25	12 ft. pole	\$1.60
10 ft. pole	1.45	14 ft. pole	1.80

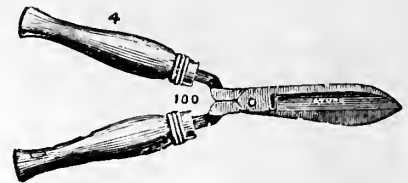
None of the above Tree Pruners except the Waters and Searight's are equipped with poles or rope.

**PRUNING SAWS**

16 inch, single edge	\$0.60
18 " " "	.70
20 " " "	.85
22 " " "	1.00
18 " Duplex (double edge)	.75
20 " " "	.85

**ADJUSTABLE PRUNING SAW**

For cutting sideways, etc., without turning the handle, 90c. each.

**ENGLISH HEDGE SHEARS**

No.	5½ inch Ladies'	Plain Bolt	Fly Nut Bolt
107		\$0.90	
101	8 "	1.35	\$1.80
101	9 "	1.58	2.03
101	10 "	1.75	2.25
101	12 "	2.25	

**SAYNOR HEDGE SHEARS (Fly Nut)**

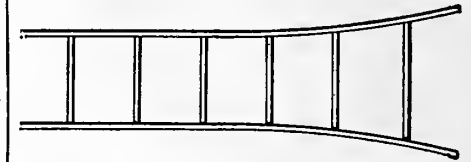
For very heavy hedges.

9 in.	\$2.25	10 in.	\$2.50
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**NEVERSLIP HEDGE SHEARS**

These shears have a saw edge on one blade which prevents them from slipping when cutting; made of the best quality English steel.

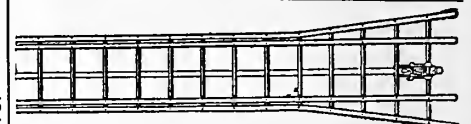
8 inch	\$1.60
9 "	2.00
10 "	2.25

**SINGLE PLANK LADDERS**

Made of good hard wood, free from faulty knots; with perfect rounds.

10 ft.	\$1.65	16 ft.	\$2.64
12 ft.	1.98	18 ft.	2.97
14 ft.	2.31	20 ft.	3.30

Longer sizes at 16c. per foot.

**EXTENSION LADDERS**

These are made in the best manner possible, are complete, being equipped with the necessary rope and pulleys.

16 ft.	\$4.32	26 ft.	\$7.02
18 ft.	4.86	28 ft.	7.56
20 ft.	5.40	30 ft.	8.10
22 ft.	5.94	32 ft.	8.64
24 ft.	6.48	34 ft.	9.18

36 to 44 ft. size at 26c. per foot. Longer sizes at 36c. per foot.

**GRAFTING WAX**

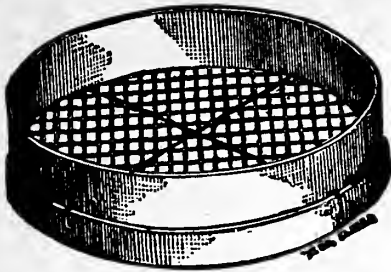
¼ lb., 8c.; 12c. ½ lb.; 1 lb., 20c.; 90c. per 5 lbs.

**GRAFTING TOOL**

Best English steel for grafting trees, etc. With Wood Handle (see cut) \$0.70  
All Steel. .55

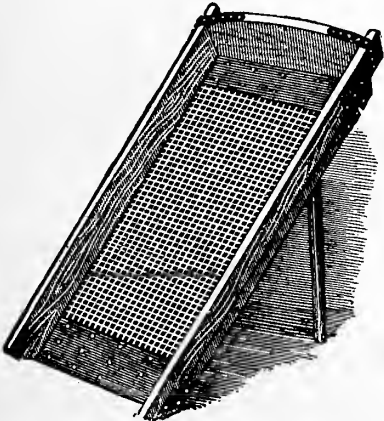
All Prices subject to Market Changes.



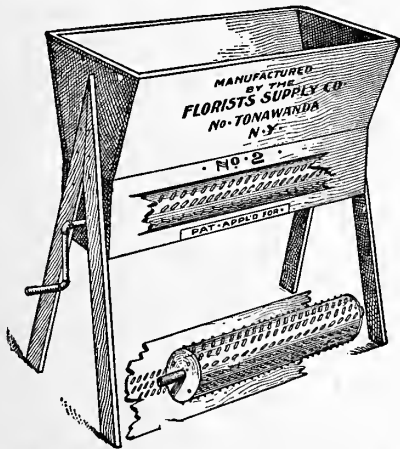
**SIEVES (ANY SIZE MESH)**

Made extra well, of galvanized wire and hard wood. Each

20 inch Foundry (extra heavy) .....	\$0.75
20 inch Regular wire .....	.65
18 inch Regular wire .....	.55



**Large Upright Sieve** for soil, gravel, sand, etc. Made in any size mesh, of extra heavy foundry wire, \$6.50 each.

**Sod Crusher and Soil Pulverizer**

These machines are equipped with a hopper, and a roller, the latter being spiked. It is turned by means of a handle and crushes the soil perfectly, avoiding the necessity to sift.

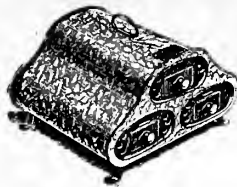
No. 1, \$15.00 | No. 2, \$20.00 | No. 3, \$30.00

We can also supply Wolff's Automatic Soil Sifters. Write for prices.

**Liquid Manure Distributor (See Opposite)**

This can be attached to hose with which you are watering and, connected with a barrel of liquid manure, the suction of water will draw a quantity of manure with it. All brass.

Price, \$1.50 each. (By mail, postpaid, \$1.65.)

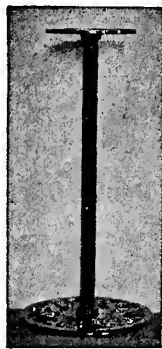
**WAGON AND AUTOMOBILE HEATERS**

These heaters will keep the temperature above freezing in most any ordinary closed vehicle during the severest weather.

No.	Each
5. Single drawer, 14 in. long.....	\$1.75
5B. Single drawer, 14 in. long covered with Brussels carpet .....	2.00
9B. Single Drawer, 12 in. long, covered	1.25
9B. 12 in., Brussels carpet cover.....	1.50
7. 20 in. ....	3.00
10. Three drawers. (See cut.) .....	6.25

**Coal for Wagon Heaters.** 70c. per doz. bricks; per 100, \$5.00.

**Tongs for Handling Hot Coals.** 25c. Illustrated circular on request.

**IRON PLANT STANDS****STAR STYLE**

Somewhat similar to the "Superior," excepting that they are not fitted with the tilting device, and are finished in black varnish.

Height	Each	Doz.
12 inches .....	\$0.60	\$6.75
18 " .....	.70	8.00
24 " .....	.85	9.50
30 " .....	1.00	11.25
36 " .....	1.25	14.00
42 " .....	1.35	15.00

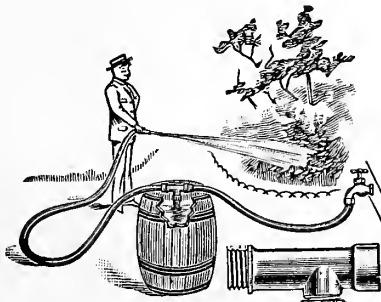
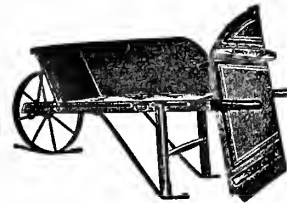
**SUPERIOR STYLE**

Can be tilted to set your plants at any angle desired to produce the proper decorative effect. Enameled green.

Height	Size of Plates	Price Each	Per Doz.
12 inch.....	5 x 7	\$0.75	\$8.25
18 " .....	5 x 7	.80	9.00
18 " .....	8 x 10 1/2	.95	10.75
24 " .....	8 x 10 1/2	1.05	12.00
24 " .....	8 x 12	1.15	13.25
30 " .....	8 x 10 1/2	1.20	13.75
30 " .....	8 x 12	1.30	14.75
36 " .....	8 x 10 1/2	1.30	14.75
36 " .....	8 x 12	1.40	15.75
42 " .....	8 x 10 1/2	1.40	15.75
42 " .....	8 x 12	1.50	17.00
48 " .....	8 x 12	1.60	18.00
60 " .....	8 x 12	1.70	19.25
72 " .....	8 x 12	1.80	20.00

**EXTRA PLATES FOR IRON STANDS**

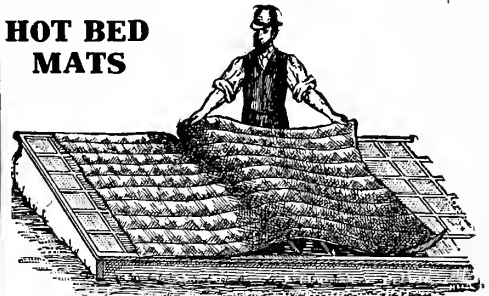
For Superior		For Star Stands	
Each	Doz.	Each	Doz.
5 inch .....	\$0.22	\$2.50	\$0.20
7 " .....	.30	3.30	.25
8 " .....	.40	4.50	.25
10 1/2 " .....	.50	5.50	.40
12 " .....	.55	6.00	.40

**WHEELBARROWS MICHELL'S SPECIAL GREENHOUSE****Special Greenhouse Barrow**

This is a very narrow barrow, designed for use in aisles of a greenhouse. Box measures inside 14 inches in front, 17 ins. in back, and 12 inches deep. Handles, 4 feet, 8 inches long. Spread of handles at hand hold 20 inches, which is extreme width of barrow. Furnished in 18-inch diameter wheel. Nicely painted and striped. Price, each, \$4.50.

**OTHER WHEELBARROWS**

No.	Tire In.	Length In.	Depth In.	Width In.	Price
Nu-Way ..	1 1/2	26 1/2	11	25	\$5.00
Old Gov-ernment	1 1/4	31	9	26	3.50
Eastern	.4	3	26 1/4	11 1/2	27
"	.5	3	28 1/4	11 3/4	27
Jacobs	.2	1 1/4	24 1/2	11	23
"	.3	1 1/2	25 1/2	12	24
"	.4	2	27 1/2	14	26
Boys	.2	1	21 3/4	9 1/4	20
Canal—Side dump (bolted) .....					2.25

**HOT BED MATS**

The Burlap, and Duck and Burlap are the best mats that it is possible to procure. Rats and mice do not harbor in them, and they are otherwise practically indestructible.

**Burlap.** 76 x 76 inches, covering two regular size sash. Each, \$1.35; doz. \$15.00.

**Burlap.** 40 x 76 inches, for one sash. Each, 90c.; doz., \$9.90.

**Duck and Burlap.** This style is water-proofed on one side. 40 x 76 inches. Each, \$1.15; doz., \$12.60.

**Duck and Burlap.** 76 x 76 inches. Each, \$1.55; doz., \$18.00.

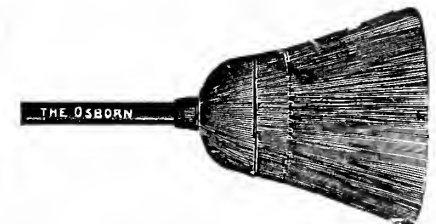
We can supply the following mats any length desired:

**Duck and Burlap.** 76 inches wide at 26c. per running foot.

**Plain Burlap.** 76 inches wide at 23c. per running foot.

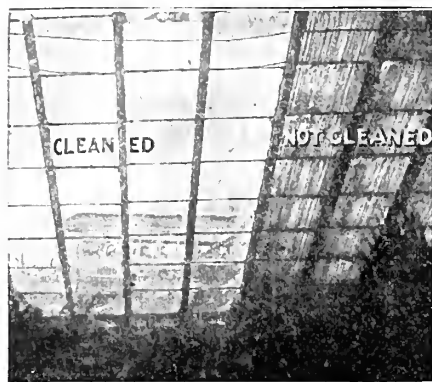
**Straw Mats.** 3 x 6 feet..... \$0.90 \$10.50

" " 6 x 6 feet..... 1.25 14.00

**GREENHOUSE BROOM**

Made of Japanese Fibre. No wear out to it. Price, 55c. each; 2 for \$1.00.





The effects of using Daylite Glass Cleaner

### DAYLITE GLASS CLEANER

For taking off whitewash shading, etc.

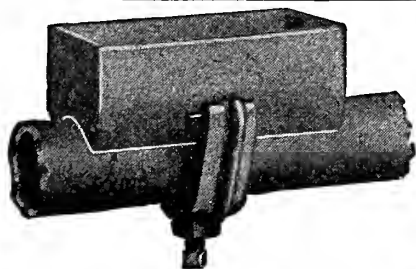
#### Daylite Cleaner

Is the most powerful cleaner on the market. It is self-acting—the minute it is put on the glass, it commences to work for you. All you need to do is to apply it with a brush, leave it on a few minutes and rinse off with cold water.

Will not injure paint or putty.

Will always leave the glass clean and free from grease.

The cost of cleaning greenhouse glass is about one-fifth cent per square foot. One gallon will clean about 400 to 600 square feet of glass. Price, 1 gal., \$1.00; 5 gals. for \$4.50.



### THE BATE EVAPORATOR

This consists of a bottomless pan, which fits directly over your steam or hot water pipes, the latter making the bottom of the pan. The clamp is provided with a set-screw, which draws the pan down firmly on the pipe, making it watertight by placing a gasket between the bottom of the pan and the surface of the pipe. Be sure and cut away the rubber on the inside so as to leave the pipe exposed in the bottom of the pan. For proper fumigation with Nicotine insecticide requires 3 pans for a house of 100 x 25 feet, or say one pan to every six or eight thousand cubic feet of air space. Made for the following sized pipe: 1 inch, 1½ inch and 2 inch. Always state for which size it is wanted when ordering. Price, f. o. b. factory: Each 60c., per dozen, \$6.60. Larger quantities at 50c. per pan.

### "WINNER BRAND" GREENHOUSE PAINT

One of the foremost growers in this country advised us of the merits of this brand. He says he's tried many and found none that compared to it for durability. Color white.

In gallon cans, \$1.75 gal.; 5 gal. kits, \$7.75 each; 10 gal. kits, \$15.00 each.

### HOT BED SASH

Made of best quality cypress, 1¾ in. thick; 3 ft. 1½ in. wide, 6 ft. long. Glazed with 8 x 10 in. glass, 4 lights wide, laid in putty.

Plain, regular style, not glazed or painted.

Each \$1.25; \$14.50 per doz.

Glazed, regular style, including painting and puttying. Each \$3.00; \$34.00 per doz.

All glazed sash are shipped at purchaser's risk, although we pack very carefully to insure safe arrival.

Packing Charges on regular style Glazed sash only, 10c. each; per doz., \$1.20 extra.

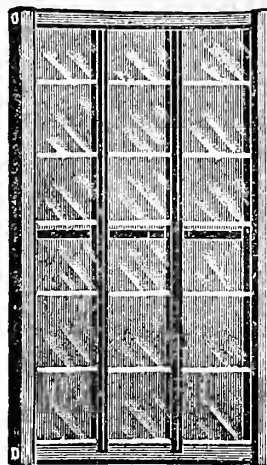
### SUNLIGHT SASH (Double Glass)

Plain Unglazed...each, \$2.50; doz., \$28.20

Glazed and Painted...each, 4.50; doz., 52.20

Crating Glazed Sunlight, 15c. extra.

Special Prices quoted on sash in large quantities or special sizes.



### MARATHON GRINDERS

Every florist needs a good grinding machine. By a combination of cut spur gears and steel cut pinions arranged in the "Marathon," we obtain a very high speed. This insures the quickest cutting results from the corundum stone with minimum wear.

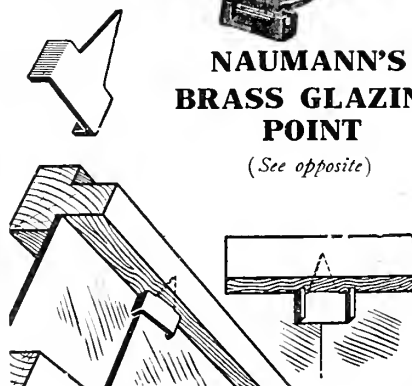
No. In.  
1, wheel ¾x5, \$4.25  
2 " 1x5, 5.25  
3 " 1x6, 6.25  
4 " 1x7, 7.00

If treadle is wanted, add \$1.40 to the above prices.



### NAUMANN'S BRASS GLAZING POINT

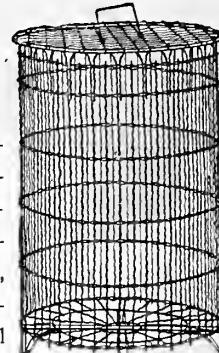
(See opposite)



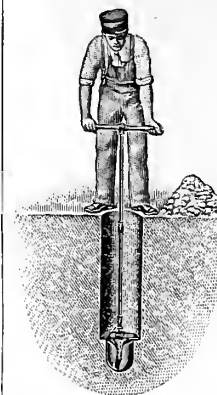
### CYCLONE RUBBISH CONSUMERS

Made of heavy galvanized wire, an indispensable arrangement for burning rubbish, paper, leaves, etc., without endangering property. Will last a life's time.

No. 1, 20 in. diam. x 30 in. high.....\$2.25  
" 2 17 " " 25 " ".....1.60  
" 3 14 " " 21 " ".....1.35  
" 4 12 " " 18 " ".....1.10



### No. 8 POST HOLE DIGGER



This is really an earth auger, as will be seen by the illustration; will bore a hole 3½ ft. deep and can be adjusted in diameter from 8 to 14 inches. It can be emptied instantly; it is made of the finest steel and a man with one of these can do 3 times as much work as with

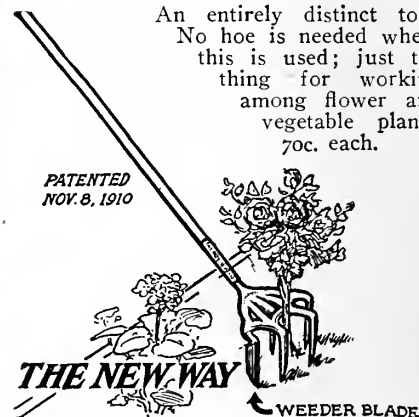
an ordinary digger. Price, \$2.85.

No. 15 Eureka Posthole Diggers 90c. ea.

### MEHLER HANDY GARDENER

An entirely distinct tool.

No hoe is needed where this is used; just the thing for working among flower and vegetable plants. 70c. each.



### NAUMANN'S GLAZING POINTS

For many years there has been room for a brass glazing point that would be moderate in price. The "Naumann" is the invention of a practical florist, who knew the needs of the trade. In this point there are no rights or lefts. It is adapted either for single or double thick glass. Is easily driven, and above all things is rust-proof, something that cannot be said of any other glazing point. It requires only 2 for each light of glass, which is held in position most securely. 1000 points in a package, 75c.; (by mail, 90c.). 10,000 points for \$7.00.

(hw)





## RUBBER HOSE

Michell's Rubber Hose is noted for its reliability in every way. We buy from the manufacturer in enormous quantities.

	Per Foot
<b>Bull Dog</b> , 3/4-in., 7-ply.....	\$0.15
<b>Standard</b> , 3/4-in., 4-ply.....	.11
<b>Reliable</b> , 3/4-in., 3-ply.....	.12 1/2
" 1-in., 3-ply .....	.21
" 3/4-in., 4-ply .....	.15
" 1-in., 4-ply .....	.26
" 1/2-in., 4-ply .....	.11

*Any Length, 3/4-in. (500 ft., \$67.50)	.14 1/2
*Electric, 3/4-in. (500 ft., \$78.00)....	.16
*Electric, 1/2-in. (500 ft., \$78.00)....	.14 1/2
*Revero, 3/4-in. (500 ft., \$78.75)....	.16
*Revero, 1/2-in. (500 ft., \$78.75)....	.14
<b>Spray Hose</b> , 3/8-in. ....	.11

P. S.—Brands marked \* come in reels of 500 feet and sections in any length to that number of feet may be had.

Longer sections of hose coupled free. Smaller sections coupled at the rate of 15c. per pair for couplings.

**Hose Washers.** For inside and outside of couplings. 5c. doz.; 1/4 lb., 20c.; 70c. lb.

**Hose Protectors.** For fastening to greenhouse bench legs. Keeps hose from wearing out. 25c. each; doz., \$2.50.



## HOSE MENDERS

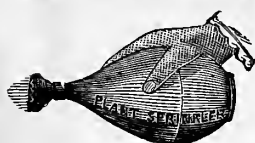
	Each	Doz.	100
<b>Cooper's</b> —3/4-in. ....	\$0.07	\$0.75	\$5.75
" 1/2-in. ....	.07	.75	5.75
<b>Jones'</b> —3/4-in. (iron) ...	.05	.50	3.50
<b>Hudson's</b> —3/4-in. (brass) .04	.42	3.00	
" 1/2 " " .04	.42	3.00	

## PERFECT HOSE MENDER



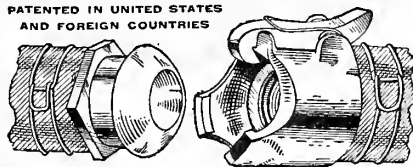
Made entirely of brass, with swivel motion—no band required. For 3/4 inch hose, 8c. each; doz. 80c.; \$6.25 per 100.

## RUBBER PLANT SPRINKLERS



<b>Straight Neck.</b>	
No. 1.....	\$0.85
No. 2.....	.75
No. 4.....	.50
<b>Angle Neck.</b>	
Large.....	\$0.85

PATENTED IN UNITED STATES  
AND FOREIGN COUNTRIES



## SNAP HOSE COUPLING

Snap Couplings are entirely new and novel. They couple hose instantly, work on a spring, and are water-tight. 25c. per pair; doz. pairs, \$2.75; \$20.00 per 100.

## SNAP COUPLING PARTS

No. 2—Male (see left hand illustration above). 8c. each; doz., 85c.; \$6.50 per 100.

No. 1—Female (see right hand illustration above). 17c. ea.; doz., \$1.90; \$13.50 per 100.

## BOSTON SPRAY NOZZLE



These render the same service as does the rose of a watering can. They are screwed on the end of the hose like any other nozzle. Coarse and fine screen, 3/4-inch, All Brass, 60c.; by mail, 75c. Copper (Sheet), 50c.; by mail, 60c.

## BOSS HOSE NOZZLES

For 3/4-inch hose. Price, 40c. each.

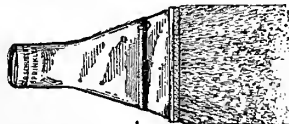


## GEM HOSE NOZZLE



3/4-inch hose. Can be regulated to give three different streams. Price, 30c.

## RAINBOW NOZZLE



This nozzle gives the same result as when the thumb is placed over the hose, \$1.50.



## BRASS SYRINGES

No.	Diam.	Length		Price
99	1 1/2"	18"	Spray rose only.....	\$2.25
101	1 1/4"	14"	Spray rose and stream	1.75
101	1 1/2"	16"	" " " "	3.00
104	1 3/4"	18"	2 " " " "	5.00
107	1 3/4"	20"	(Adjustable).....	4.50
Lewis (Sheet Brass), 1 qt. capacity,				\$1.60.

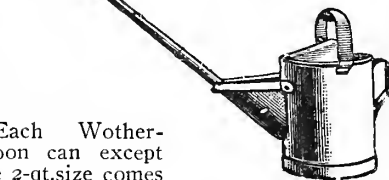
## RUBBER APRONS

For protecting the clothing while watering or doing any work in the garden where your clothes could become soiled. Price, \$1.50.

## WATER CANS Wotherspoon's Make

Extra heavy with long spout.

Will last for years.



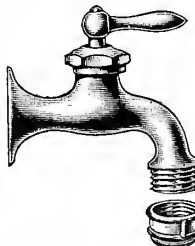
Each Wotherspoon can except the 2-qt. size comes equipped with two roses, one coarse and one fine.

	Wotherspoon Make Round	Oval	Light Galvanized Make
2-quart .....	\$1.05		
4 " .....	1.44		\$0.30
6 " .....	1.67	\$1.89	.40
8 " .....	1.80	2.12	.50
10 " .....	2.03	2.34	.55
12 " .....	2.34	2.57	.65
16 " .....	2.84	3.20	.90
20 " .....			1.15

12-qt. Manure Watering Can.....\$2.50

4-qt. Fern or Low Watering Can... 1.35

Extra Roses for Wotherspoon Watering Can, either coarse or fine, 30c. each.



## ACME COUPLINGS

No. 3 part, for attaching to spigot. 15c. each, doz. \$1.40.

No. 4 part, for attaching to hose. This part is equipped with a small snap lever. 25c. each, doz. \$2.40.

Couplings complete, consisting of one No. 3 and one No. 4 part, 35c. each; doz. \$3.60.

Showing a No. 3 Acme Hose Coupling part attached to Spigot



Caldwell Band as applied to Hose



## HOSE BANDS

For fastening couplings and menders in hose.

No.	CALDWELL'S	Doz.	100
8—For 3-ply hose .....	\$0.15	\$0.90	
6—For 4-ply hose .....	.15	.90	

## HUDSON'S

1/2-inch .....	\$0.15	\$0.90
3/4-inch .....	.18	1.00

## SURE GRIP

3/4-inch, 4c. each; doz., 40c.; \$2.75 per 100.

## Sprayers and Insecticide Distributing Apparatus

### THE BIDWELL COMPRESSED AIR SPRAYER



Absolutely the best of all the compressed air sprayers; the heavy sheet-copper tank has a capacity of 5 gallons; the pressure capacity is 45 pounds. Unlike most other sprayers, this one will empty the contents of the reservoir with one charge; the pump is independent

of the tank and every part can be gotten at. Every piece is brass and copper except the hose and washers. The liquid is pumped into the reservoir through the same hose which takes in the air. Fitted with a famous Winkle-Mist nozzle; full directions with each one, together with our full guarantee. Price, \$14.25 each.

### THE AUTO SPRAY



Auto Spray showing Auto-Pop Attachment

Now used by all leading florists and fruit growers. It operates with compressed air; safe and efficient; liquid capacity, 4 gallons; pressure capacity, 40 lbs.

No. 1-A Brass, equipped with hose and regular nozzle, \$6.00.

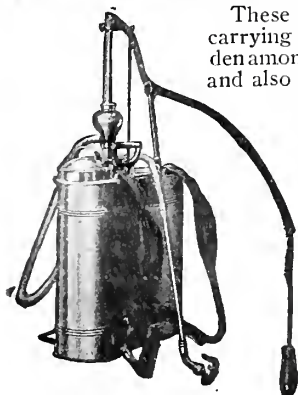
No. 1-B Brass, equipped with hose and Auto-Pop Attachment, \$6.50.

No. 1-C Galvanized Iron, equipped with hose and regular nozzle, \$4.00.

1-D Galvanized Iron, equipped with hose and Auto-Pop, \$4.50.

Auto-Pop Nozzle Attachment controls the flow instantly by a pressure of the hand. When purchased separately, \$1.25 each.

### DEMING KNAPSACK SPRAYERS



and hose. Price, \$9.00.

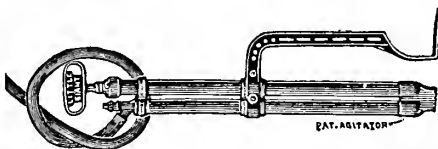
These are elegant for carrying around the garden among shrubbery, etc., and also for tree work.

Fig. 675. Copper tank, holding about 5 gals., complete, with pump, nozzle and hose. Price, \$13.75.

Fig. 564. Galvanized tank, holding about 5 gals., complete, with pump, nozzle



Success (without bucket fastener)...\$4.00  
Perfect Success (with bucket fastener) 4.15



### MYER'S BUCKET PUMP

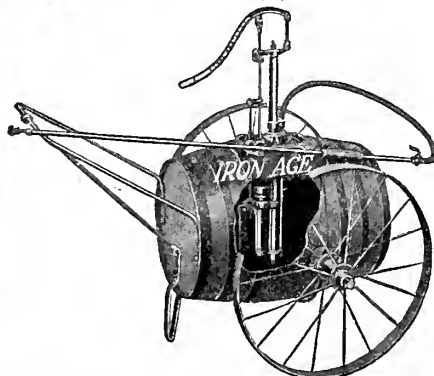
This is a double brass chamber arrangement, and fills the want of those desiring a medium-priced sprayer.

Price, \$2.85, including hose and nozzle.

### JUNIOR SPRAY PUMP



No. 5—For bucket use; the pump works on a spring device, making compression which discharges the liquid. The most practical bucket pump for one person to use. All brass and excellent value. Just the thing for the man with a small fruit garden, a few greenhouses, or a hen house that needs spraying. Complete with hose and nozzle. Price, \$2.75.



### IRON AGE SPRAYER, No. 197

A perfect outfit for gardens, small farms, poultry, plants, etc.; capacity, 20 gals. Pump all brass with a 6-inch stroke, large air chamber with a 100-lb. pressure capacity; bronze brass ball valves of easy access. Equipped with a perfect agitator, 4 feet of extension rod with hand grip and 4 feet of 1/2-in. hose, stop cock and nozzle. \$15.20.

### DEMING BUCKET PUMPS

These are made entirely of brass except the foot rest, bucket fastener and hand grip. For years we have sold them with entire satisfaction. The prices below do not include bucket, but include nozzle and 3 1/2 feet of 3/8-in. hose.

OTHER IRON AGE SPRAYERS, not shown here; send for descriptive list.

No. 190—Capacity 50 gals., equipped with 15 ft. 1/2-in. hose, 1 nozzle, \$22.00.

Equipped with two 15-ft. lengths of 1/2-in. hose and 2 nozzles, \$25.50.

No. 194. Equipped with a 50-gal. barrel, 15 ft. of 1/2-in. hose and nozzle, \$16.00.

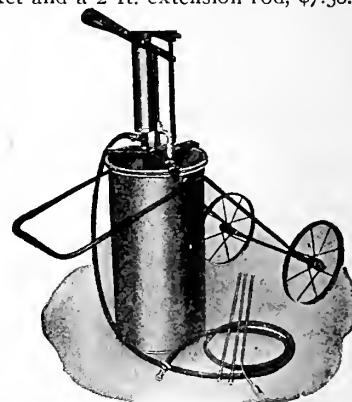
Equipped with hose and nozzle only. \$12.75.

Plain pump, without hose or nozzle, \$9.50.

No. 194T—This is the same as the above pump equipped with a 2 1/2-in. truck, barrel, 15 ft. of 1/2-in. hose and nozzle, \$24.50.

Without hose or nozzle, \$21.00.

No. 195—Really a duplicate of No. 197, except that it is equipped with a 16-qt. bucket and a 2-ft. extension rod, \$7.50.



No. 3 Paragon Sprayer

### THE PARAGON SPRAYER

Especially desirable for the reason that it is not necessary to strain the material before pouring it into the reservoir; although we recommend that this be done; guaranteed to give absolute satisfaction. Excellent for applying whitewash or cold water paint.

No. 0—With a 3-gal. reservoir, 4 ft. of hose, nozzle and extension pipes. Price, \$7.15.

No. 1—With a 5-gal. reservoir, 5 ft. of hose and 2 extension pipes, \$9.50.

No. 3—Equipped with a 12-gal. tank mounted on a truck, three 2 1/2-ft. extension pipes, 2 nozzles and 10 ft. of hose, \$14.25.

No. 4—Mounted on a two-wheel truck; equipped with 10 ft. of extension pipe, 20 ft. of hose, and 2 nozzles. Complete, \$21.00.



### AUTOMATIC COMPRESSED AIR SPRAYER

This is the grandest hand sprayer ever offered, very easily operated.

Tin.....each, \$0.90 | Brass.....each, \$1.75

### CYCLONE HAND SPRAYERS

Similar to the above except they do not have the automatic air reservoir attachment.

Tin.....each, \$0.40 | Brass.....each, \$0.80



## Simplex Barrel Pump



One of Deming's very best sprayers. Fitted with brass cylinders. Equipped with an automatic agitator. Will throw a stream 40 feet. **Plain Pump**, no hose, nozzle or barrel. \$7.15.

**Outfit A**—Pump, with 12½ ft. ½-in. hose, fitted with a Bordeaux or Vermorel nozzle and pole connection for reaching into trees, no barrel. \$9.50.

**Outfit B**—Pump, with two 12½-foot sections of ½-in. hose, two Bordeaux or Vermorel nozzles, pole connection, no barrel. Price, \$12.00.

## Century Pump



A very powerful pump; working parts are entirely of brass; has large air chamber; also a perfect agitator and a long fulcrum link, which enables the operator to work the pump with little effort. The pump is largely submerged, which places it out of the way of all

obstructions on the outside.

Price for plain pump, no barrel or hose, \$10.00.

Price, complete, with 12½ ft. ½-in. hose and nozzle, no barrel, \$12.50. Price, with two 12½-ft. leads, hose and nozzles, no barrel, \$14.25.

**Barrels**, with trunnions ready to mount on truck, with cut head, \$3.00.



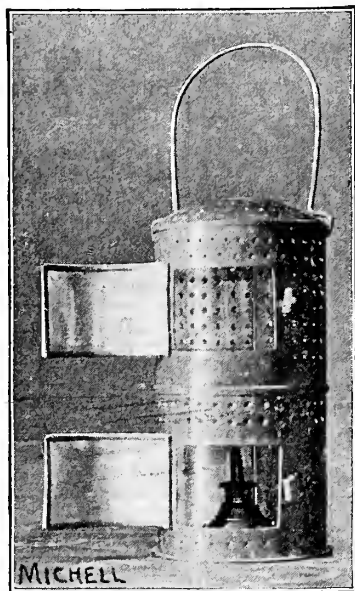
## Gardener's Choice Spray Outfit

Here is an equipment that is easily worth \$5.00 more than we ask for it; truly it is the greatest value in spray pumps we have; the reservoir holds 25 gals.; the pump has brass cylinder, and it is a complete equipment with hose and nozzle. Just the proper thing for use in greenhouses with wide aisles or without benches. Price, \$12.50.



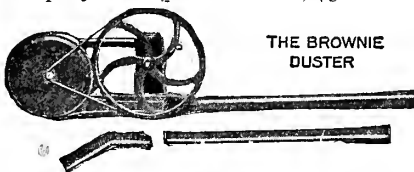
## Vaporizing Lamp

Practical and indestructible, all metal, burns kerosene, used for dispensing fumes of Nicotine, Tobakine and other preparations of this sort. 50c. each, doz., \$5.00.



## The Dorrance Sulphur Burner

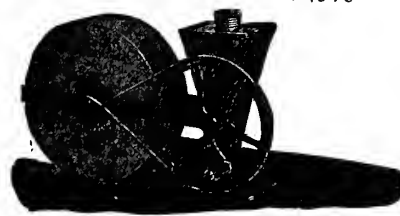
This device has completely revolutionized the art of controlling mildew. The idea originated with Mr. Benjamin Dorrance, one of the largest rose growers in the United States, which is a sufficient guarantee of its practicable feature. Made of copper, will last a lifetime. Instructions accompany each burner. Price, \$5.00.



THE BROWNIE GUN

## Brownie Gun

For distributing all Insect Powders for indoor or outdoor use. Price, \$3.75.

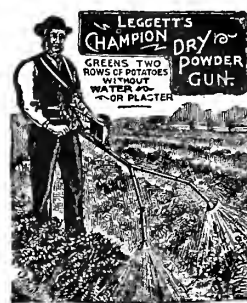


## Sulphur Blower

For distributing sulphur and insecticides of various kinds. Made of heavy metal with no wearout to them. A man can dust a very large house in a few minutes, using one of these blowers. Price, \$4.00.

## Champion Gun

For distributing dry insecticides, of all kinds, indoors or out. Will save its price in material the first six months of use. Price, \$7.50.



## Fumigators

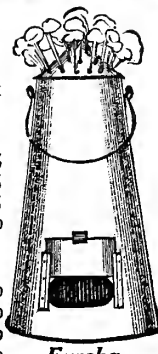
### Perfection Make

Fitted with a Water Tank to prevent burning out.

No.		
1	for house, 12 x 40 ft.	\$2.75
2	" " 15 x 100 ft.	3.25
3	" " 20 x 100 ft.	3.75
5	" " 20 x 150 ft.	5.00

### Eureka Make

1	for house, 10 x 20 ft.	\$1.00
2	" " 12 x 40 ft.	1.50
3	" " 15 x 100 ft.	2.00
4	" " 20 x 100 ft.	3.00



Eureka



## Bellows

Large Double Cone.....	\$2.70
Large Single Cone.....	1.80
Small Single Cone.....	1.00
Liquid Spraying.....	\$1.35 and 1.80
Sulphur Bellows.....	1.35

## Copper Strainer

For straining whitewash, spraying material, etc. 90c. each.

## Spray Nozzles ⅜ in. thread

Bordeaux and Vermorel.....	each, \$0.70
Mistry, Jr.....	.85
Winkle Mist.....	.70
Paragon style.....	.35
Duplex Vermorel (2 nozzles).....	1.40
Triple Vermorel (3 nozzles).....	2.15
Quadruple Vermorel (4 nozzles).....	2.15
Duplex Mistry (2 nozzles).....	2.75
For ¼-in. connections, add 25c.	

## Extension Pipes, Etc.

For reaching into trees (⅜-in. threads).	
Bamboo, with brass tube, 8 ft.....	\$1.90
" " " 10 ft.....	2.25
Galv. Iron, 2 ft., for Auto Sprays.....	.25
Brass, 2 ft., for Auto Sprays.....	.40
Pet Cock, for extension pipes.....	.35
Iron Age. Fig. 419—Steel pipe 10 ft. long, with an angle connection, stop cock, 2 hand grips and drip guard, for ½-in. thread. Price, \$2.25.	
Iron Age. Fig. 420—Bamboo casing with brass pipe inside, with angle connection, stop cock, 2 hand grips and drip guard, 10 ft. long. Price, \$3.15.	
Extensions for Paragon Sprayers, 2½ ft. 45c. each.	

**PUTTY BULBS** (See Cut)

The best appliance for distributing putty. One day's work by the old method of glazing can easily be done in four hours by the use of the distributor. Each, 90c.; by mail, \$1.00.

**MASTICA**

1/2 gallon .....	\$0.70	5 gallons .....	\$6.25
1 " .....	1.35	10 " .....	12.00
Mastica Machine .....			
each, \$1.25			

**TWEMLOW'S PUTTY**

16-lb. can (1 gallon) .....	\$1.45
50-lb. kit (3 gallons) .....	4.25
80-lb. kit (5 gallons) .....	7.00
1/2 barrel (25 gallons) .....	31.25
Per barrel (50 gallons) .....	57.50

**HAMMOND'S GREENHOUSE WHITE PAINT**

The manufacturer claims this paint is superior in quality and lower in price than any other material of the same character. It is largely used now in place of the ordinary grade of white lead.			
Per gallon .....	\$1.85	10 gallons for .....	\$17.25
3 gallons for .....	5.50	25 gallons for .....	42.00
5 gallons for .....	9.00	50 gallons for .....	80.00

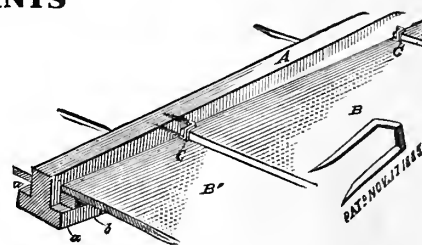
**GLASS CUTTERS**

Small Diamond .....	Each \$2.50
Large Diamond .....	3.75
Single Wheel, Steel ..	.15
(Doz., \$1.50)	
6-Wheel Adjustable ..	.30

**PEERLESS GLAZING POINTS**

Nos. 1, 2, 2 1/2 Tinned.  
Nos. 1 and 2 are for single thick glass. No. 2 1/2 for double thick glass. 60c. per 1000; 5000 for \$2.75. By mail, 76c. per 1000.

**PINCERS**, for driving Peerless Points, 50c. per pair.

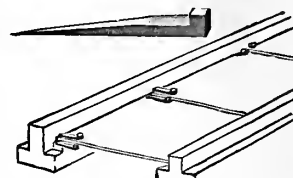


Peerless Glazing Points

**Siebert's Style Points.** (See opposite cut.) Two sizes, 5/8 inch and 7/8 inch, 35c. per lb.; 10 lbs., \$3.00. By mail, 50c. lb.

**ZINC NAILS**, 5/8, 3/4 and 7/8 inch, 20c. per lb.; 5 lbs., 90c. By mail, 36c. per lb.

**Nauman's Glazing Points.** (Brass.) 75c. per 1,000. By mail, 90c.

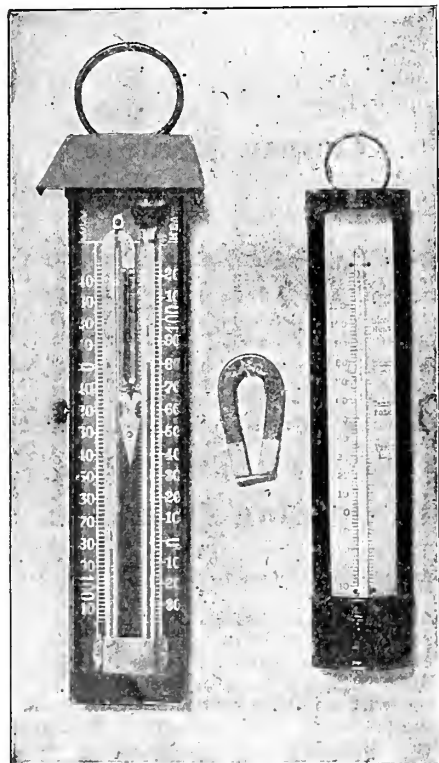


Siebert's Glazing Points

**PEERLESS REPAIR CLAMP**

TO MEND CRACKED GLASS IMMEDIATELY AND PERMANENTLY

Especially valuable for securing large lights of glass. Made of zinc, will not rust. Will save lights of glass worth from 20 cents to 30 cents each. Price, \$1.00 per 100.

**RELIABLE THERMOMETERS AND THERMOSTATS**

A reliable thermometer is a very necessary thing in a greenhouse establishment. Ours are selected with great care and we especially recommend the "Three Point Test."

**MAXIMUM AND MINIMUM**

Registering the coldest and the warmest point during previous night.

8 inch, each \$2.25, per 1/4 doz. \$6.50; 10 inch, each \$2.75, per 1/4 doz. \$7.50.

**THREE POINT TEST THERMOMETER**

This thermometer is positively accurate and may be depended upon at all times. We can supply these in Mercury or Spirit Glass, state which is wanted in ordering.

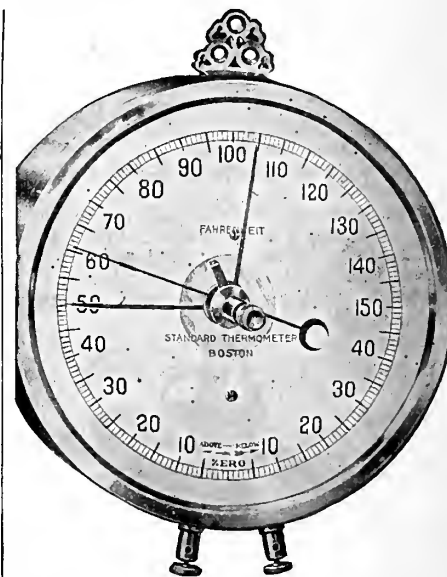
	Each	Doz
8 inch, Tin Case, No. 5420B...	\$0.40	\$4.00
10 " " " No. 5420B...	.55	5.50
12 " " " No. 5420B...	.85	9.00
8 " Copper Case, No. 5154...	.65	6.50
10 " " " No. 5154...	.85	8.50
8 " Wood Back, Black Scale, No. 5100.....	1.10	12.00
10 " Wood Back, Black Scale, No. 5100.....	1.25	13.00
8 " Wood Back, Porcelain Scale, No. 5132.....	.80	9.00
10 " Wood Back, Porcelain Scale, No. 5132.....	1.00	11.00

**STANDARD TIN CASE THERMOMETERS**

	Each	Doz.
White scale, very reliable.		
8 inch, No. 5420W.....	\$0.25	\$2.75
10 " No. 5420W.....	.35	3.75

**MUSHROOM OR HOT BED THERMOMETERS**

Iron Point .....	Each, \$0.90
Brass Point .....	" 1.35

**Style 1—THERMOSTAT** (See Cut)

This will be found far more reliable than the old method of having a thermometer attached to an ordinary thermostat and bell. Furnished complete with the exception of wire, battery and bell. All brass. Not waterproof style, \$5.00; Waterproof Style, \$10.00.

**RECORDING THERMOMETERS**

Show accurately the temperature during every hour of the night. We can furnish them with 30 daily or 12 weekly charts. Made of solid brass. No. 300 (extra quality), \$25.00; No. 100, \$20.00.

All Prices Subject to Market Changes



**CARNATION SUPPORTS**

	Per doz.	Per 100	Per 1000
Model, 2 ring .....	\$0.40	\$2.60	\$24.00
" 3 ring .....	.45	2.80	26.50

**Extra Parts for Model Supports**

Rings, 60c. per 100, per 1000 \$4.00.
Tops, \$1.35 per 100, per 1000, \$11.00.
2 Ring Bottoms, \$1.50 per 100, per 1000 \$13.75.
3 Ring Bottoms, \$1.80 per 100, per 1000, \$16.50.

**RICHMOND SUPPORTS**

	Per doz.	Per 100	Per 1000
No. 11. 29 in., 3 ring, single .....	\$0.35	\$2.50	\$23.50
No. 11. 29 in., 3 ring, double .....	.45	3.25	30.00

**MÜLLERS DOUBLE SUPPORT**

One of the best on the market, easily put together. After the rings are detached it folds flat, thereby requiring very little storage room when putting away.

Per doz., 65c.; \$4.50 per 100; per 1000, \$40.00.

**PLANT STAKES****No. 10 Steel Wire, Galvanized**

	Per 100	Per 1000		Per 100	Per 1000
2 foot .....	\$0.45	\$3.70	4 foot .....	\$0.85	\$7.20
2½ " .....	.55	4.45	4½ " .....	1.00	8.00
3 " .....	.65	5.40	5 " .....	1.10	9.00
3½ " .....	.75	6.15	6 " .....	1.20	10.50
			6½ " .....	1.30	12.00

**No. 8 Steel Wire, Galvanized**

For staking American Beauty and other strong Roses

	Per doz.	Per 100		Per 100	Per 1000
2 foot .....	\$0.60	\$5.50	4½ foot .....	\$1.25	\$11.00
2½ " .....	.70	6.50	5 " .....	1.40	12.00
3 " .....	.80	7.50	5½ " .....	1.70	15.25
3½ " .....	.95	9.00	7 " .....	2.00	17.50
4 " .....	1.10	10.00	8 " .....	2.25	19.75

**GREEN PAINTED TAPERING PLANT STAKES**

	Per doz.	Per 100		Per doz.	Per 100
1½ foot .....	\$0.14	\$0.90	3½ foot .....	\$0.57	\$3.60
2 " .....	.24	1.55	4 " .....	.68	4.35
2½ " .....	.35	2.20	5 " .....	.80	5.10
3 " .....	.46	2.90			

**GREEN PAINTED HEAVY OR DAHLIA STAKES**

	Per doz.	Per 100		Per doz.	Per 100
3 foot .....	\$0.68	\$4.40	5 foot .....	\$1.15	\$7.40
3½ " .....	.80	5.17	6 " .....	1.40	8.90
4 " .....	.95	5.90			

**HYACINTH STAKES (Wood) Dyed Green**

	Per 100	Per 1000	Per 5000
12 inch .....	\$0.15	\$1.00	\$4.25
18 " .....	.20	1.35	6.25

**HEADQUARTERS FOR CANE STAKES**

	100	500	1000	5000
Southern, very long, selected quality..	\$0.75	\$2.75	\$5.00	\$23.75
Japanese, very thin, about 6 ft. long..	.75	2.75	5.00	22.50
Japanese, dyed green, 3½ feet lengths only .....	.70	3.00	5.50	

**UNPAINTED STAKES OR DOWELS**

	Per 100	Per 1000
24 in. long, ¾ in. diameter .....	\$0.50	\$4.00
36 " 1/8 " and 36 in. x 1/8 in. ....	.65	5.25
36 " 5/8 " .....	.85	8.00
36 " 1/4 " .....	.65	5.25
36 " 3/8 " .....	.65	5.25
42 " 1/8 " .....	.75	6.00
42 " 1/4 " .....	.75	6.00
42 " 3/8 " .....	.75	6.00
42 " 1/2 " .....	.75	6.00
42 " 5/8 " .....	1.00	9.00

The above dyed green, 10c. per 100 or 50c. per 1000 additional.

**SQUARE PAINTED PLANT STAKES**

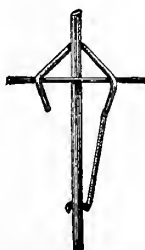
	Doz.	100		Doz.	100
1½ ft. ...	\$0.11	\$0.85	3½ ft. ...	\$0.47	\$3.83
2 ft. ...	.16	1.28	4 ft. ...	.60	4.68
2½ ft. ...	.22	1.70	5 ft. ...	.81	6.38
3 ft. ...	.44	3.40	6 ft. ...	.98	7.65

**STAKE FASTENERS**

Corts Everlasting. Heavy, \$1.60 for 500; 1000, \$3.00.

Corts Eureka. Light, 85c. for 500; 1000, \$1.50.

Stakes, 80c. for 500, 1000 \$1.50.

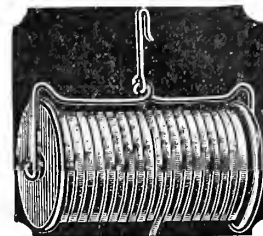


Corts Fastener

**RAFFIATAPE****The Great New Tying Material**

This article is made of a composition of paper and linen, and is tremendously strong. It is about 1/8 in. broad, and is put up in 250-yd. spools or reels. There is no waste as the reel is fitted with a small hook, which permits it to be hung from a button-hole, and it can thus be drawn off exactly as needed. Color, Nile green.

Per reel of 250 yards, 50c.; 6 reels, \$2.75, \$5.25 for 12 reels.



Raffiatape

**TWINES, Etc.**

Per ball Per lb.

No. 12, Light Italian Twine ..	\$0 18	\$0 35
No. 18, Medium Italian Twine ..	18	35
No. 24, Heavy Italian Twine..	18	35
No. 36, Heavy Italian Twine..	18	32
2-Ply, 3-Ply, 5-Ply Jute .....	10	16½
Linen Bouquet, 3 lbs. \$1.10 ...	06	40
Boston Linen, 2- and 3-Ply ..	18	32
Green Sea Island .....	08	35
Special Thin White Cotton ..	07	30
2-Ply Texas White Cotton ...	05	25
Tarred, for Mat Making ....	17	
Tarred Sisal for Fodder .....		11
Binder (5 lb. ball) .....	70	
Express, very Heavy .....	15	

**Green Silkline.** For stringing Smilax and Asparagus. Fast color and will not fade; very strong and will not break.

Price, per lb. (8 spools), coarse or fine ..... \$1 25

Price, per spool .....

**Green Linen** (substitute for Silkline). Very similar to the above; fast color. Per lb., 75c.; \$3.50 for 5 lbs.

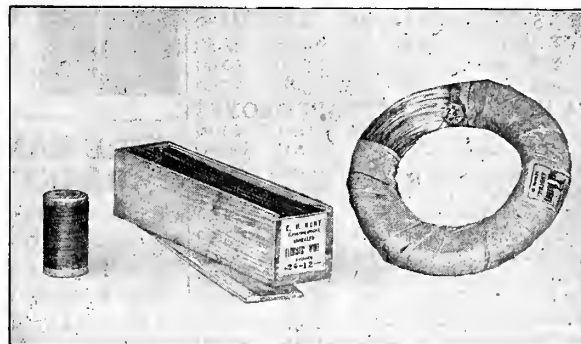
**Raffia** (Natural Color). Fresh and strong, long and fibrous. Price, 15c. per lb., 10 lbs. for \$1.25, \$11.00 per 100 lbs.

**HEADQUARTERS FOR RAFFEA**

We import this direct from Madagascar representatives who make a careful selection of long, broad strands for our trade.

**Natural Color**, 15c. lb., 10 lbs. \$1.25, \$11.00 per 100 lbs.

**Colored or Dyed.** Submit sample of shade desired. 35c. lb., 5 lbs. \$1.60, \$3.00 per 10 lb.

**WIRE (Price subject to change)****ANNEALED**

Per 12-lb. stone

No. 16 .....	\$0 60
No. 18 .....	65
No. 20 .....	70
No. 22 .....	80
No. 24 .....	85
No. 19, Tinned .....	85
No. 19, " cut 8½ in. long, 10-lb. box ..	\$1.10

**GALVANIZED**

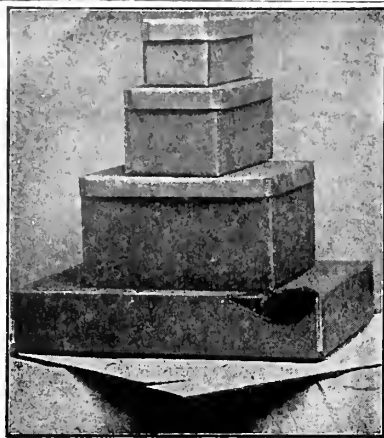
Per 12-lb. stone

No. 16 .....	\$0 75
No. 18 .....	80
No. 20 .....	85
No. 22 .....	90
No. 24 .....	1 05
No. 24 .....	1 20

**CUT BOUQUET WIRE**

For Stemming Flowers, Etc.

No. 20. 9, 12 or 18 in., 10c. per lb., per box 12 lb.,	\$1.10.
No. 22. 9, 12 or 18 in., 11c. per lb., per box 12 lb.,	\$1.20.
No. 24. 9, 12 or 18 in., 14c. per lb., per box 12 lb.,	\$1.40.



### CUT FLOWER BOXES WOOD BOXES

Made of extra thin poplar wood, very strong and thoroughly reinforced. Each box forms a lid for the other.

30-inch.....	Per set of 3	\$3.50
36 ".....	"	4.00
42 ".....	"	4.75
48 ".....	"	5.75

### CORRUGATED SHIPPING BOXES

	Each	Per doz.	Per 100
60 x 20 x 12 inch.....	\$0.50	\$5.50	\$40.00
42 x 14 x 8 ".....	.30	3.00	22.75
36 x 14 x 6 ".....	.25	2.75	20.00
24 x 8 x 5 ".....	.15	1.60	12.00

### LIGHT WEIGHT PAPER BOXES

Size	Per doz.	Per 100	Per 1000
14 x 5 x 3.....	\$0.30	\$1.90	\$18.00
20 x 4 x 3.....	.35	2.10	20.00
16 x 5 x 3.....	.35	2.10	20.00
18 x 5 x 3.....	.35	2.20	21.00
19 x 5 x 3 1/4.....	.40	2.60	25.00
18 x 7 1/2 x 3 1/2.....	.45	3.10	30.00
21 x 5 x 3 1/4.....	.45	3.10	30.00
23 x 5 x 3 1/2.....	.50	3.30	32.00
21 x 7 x 3 1/2.....	.50	3.30	32.00
21 x 8 x 4.....	.55	3.60	35.00
23 x 7 x 3 1/2.....	.55	3.60	35.00
30 x 5 x 3 1/2.....	.55	3.60	35.00
24 x 8 x 4.....	.60	4.00	39.00
24 x 8 x 5.....	.65	4.35	42.50
36 x 5 x 3 1/2.....	.70	4.85	47.50
28 x 8 x 4.....	.75	5.10	50.00
36 x 6 x 5.....	.85	5.80	57.00

### EXTRA HEAVY WEIGHT PAPER BOXES

Size	Per doz.	Per 100	Per 1000
23 x 12 x 4.....	\$0.85	\$6.10	\$60.00
28 x 8 x 5.....	.85	6.10	60.00
30 x 9 x 4.....	.85	6.10	60.00
36 x 8 x 5.....	1.00	7.60	75.00
23 x 12 x 5.....	1.00	7.60	75.00
30 x 9 x 6.....	1.10	8.10	80.00
30 x 12 x 6.....	1.50	10.25	100.00
30 x 14 x 8.....	2.00	15.25	150.00
36 x 12 x 6.....	2.00	15.25	150.00
40 x 14 x 7.....	2.75	21.00	200.00

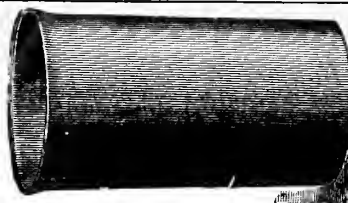
### VIOLET BOXES

Size	Per doz.	Per 100	Per 1000
7 x 4 x 4.....	\$0.40	\$2.60	\$25.00
8 x 5 x 5.....	.60	4.10	40.00
9 x 7 x 5 1/2.....	.70	5.10	50.00
10 1/4 x 6 1/4 x 4 1/2.....	.70	5.10	50.00
13 x 9 x 6.....	1.15	8.10	80.00

500 boxes printed free with one size or style card. Smaller lots at cost.

### STRAPS

For carrying large cut flower boxes. Eight feet long, of best leather, \$1.75 each. Canvas Straps, 50c. each.



### WOOD FIBRE FLOWER VASES

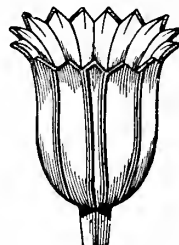
No.	Diam. inside	Depth inside	Each	Doz.
0.....	8 in.	13 in.	\$0.50	\$5.01
1.....	5 1/2 "	10 "	.43	4.84
2.....	4 1/2 "	9 "	.38	4.27
3.....	4 "	6 "	.32	3.57
4.....	3 "	4 1/2 "	.24	2.80
00.....	9 "	21 "	1.85	21.25
000.....	9 "	20 "	2.48	28.05
11.....	5 "	18 "	.50	5.01
22.....	4 1/2 "	15 "	.43	4.84
33.....	4 "	12 "	.38	4.25
44.....	3 "	9 "	.32	3.57

### IRON VASES

For holding cut flowers on cemetery lots and graves.

#### Painted Green

No.	Each	Doz.
3—Small	\$0.20	\$2.25
2—Medium	.30	3.25
1—Large	.35	3.75



#### Galvanized

No.	Each	Doz.
3—Small	\$0.30	\$3.25
2—Medium	.40	4.25
1—Large	.55	6.00

### ENAMELED CEMETERY VASES

Painted green; made of tin and carefully enameled; will not burst in cold weather.

1—Large, each 20c., doz. \$2.25, 100 \$16.00.

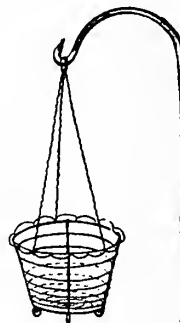
2—Small, each 15c., doz. \$1.75, 100 \$13.00.



### WIRE HANGING BASKETS

Complete with Hanger.  
Light style.

	Each	Doz.	100
8 in.	\$0.09	\$0.90	\$6.75
10 in.	.14	1.40	10.50
12 in.	.20	2.00	15.00
14 in.	.30	3.00	22.00
16 in.	.40	4.25	32.50



Cemetery Hook and Basket

### Extra Heavy Wire Hanging Baskets

The most substantial wire hanging basket made, and we recommend it where baskets are wanted for refilling each year, as these last.

No.	Diam.	Each	Doz.	100
5—9 inches.....		\$0.18	\$1.80	\$13.50
" 6—11 ".....		.22	2.40	18.00
" 7—14 ".....		.25	2.75	21.00

### IDEAL FLOWER VASES

(Galvanized Iron)

Absolutely indestructible and unbreakable, made of heavy galvanized iron riveted and soldered so they cannot leak or come apart. The top and bottom are overturned, which serves as a reinforcement against wear. Fine for use in the greenhouse store or icebox.

No.	Deep	Diam. at Top	Each	Doz.
1—6	inch.	6 1/2 inch.	\$0.40	\$4.50
2—8	"	9 1/4 "	.60	6.50
3—9	"	7 3/4 "	.45	5.00
4—12	"	9 1/4 "	.65	7.00
5—9	"	5 1/2 "	.45	4.75
6—11	"	7 "	.55	6.00
7—13 1/4	"	8 1/4 "	.55	6.00
8—19	"	7 3/8 "	.75	8.00

These vases with ordinary care will last many years.

### PAINTED POT LABELS



	Per 100	Per 1000		Per 100	Per 1000
4	\$0.09	\$0.65	8	\$0.35	\$3.25
4 1/2	.10	.75	10	.45	4.50
5	.12	.90	12	.60	5.50
6	.15	1.20			

### TREE LABELS, Etc.

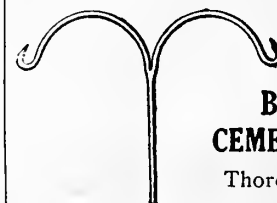
	Per 100	Per 1000
Iron Wired. Plain wood.....	\$0.10	\$0.80
Copper " ".....	.12	1.00
" Painted ".....	.15	1.25
Copper Sheet. Wired, doz., 15c.; \$1 per 100.		
Zinc Sheet. Wired, doz., 15c.; \$1 per 100.		
Indelible Marking Pencils, 5c. ea., doz. 50c.		



### SHADING OR PROTECTING CLOTH

Largely used as a substitute for glass where protection is desired. It is admirable for summer use, protecting plants, etc., from sun and at the same time allowing ventilation.

	Yds. Per Piece	Price Per Yd.	Price Per Pc.
Light. Brown cloth..	60	\$0.05	\$2.60
Medium. " ".....	60	.09	4.80
" Green ".....	60	.09 1/2	5.40
Heavy. Brown ".....	40	.12 1/2	4.80
" Green ".....	40	.14	5.20



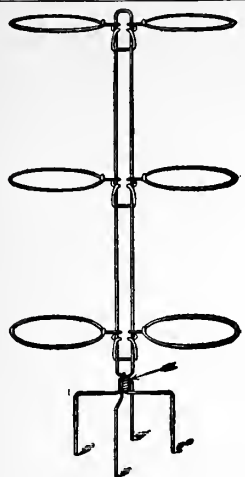
### BASKET OR CEMETERY HOOKS

Thoroughly galvanized

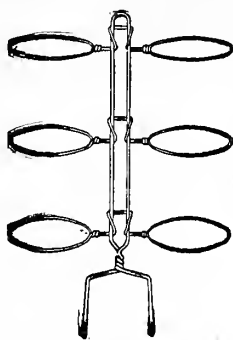
	Each	Doz.
Single, 1 1/8 inch thick.....	\$0.35	\$4.00
Double (see cut), 1 1/8 inch thick	.70	8.00

All Prices subject to Market Changes





### **Müller's Carnation Support**



### **Richmond Double Support**

## MÜLLER'S DOUBLE SUPPORT

One of the best on the market, easily put together. After the rings are detached it folds flat, thereby requiring very little storage room when putting away.

Per doz., 65c.; \$4.50 per 100; per 1000, \$40.00.

## MODEL CARNATION SUPPORTS

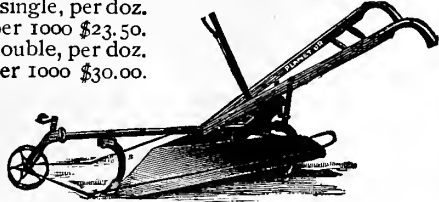
	Per Doz.	Per 100	Per 1000
2 ring.....	\$0.40	\$2.60	\$24.00
3 ring.....	.45	2.80	26.50

## EXTRA PARTS FOR MODEL SUPPORTS

Extra rings.....	\$0.60	\$4.00
Extra tops.....	1.35	11.00
Extra bottoms for 2 ring supports.....	1.50	13.75
Extra bottoms, complete, for 3 ring supports.....	1.80	16.50

## RICHMOND CARNATION SUPPORTS

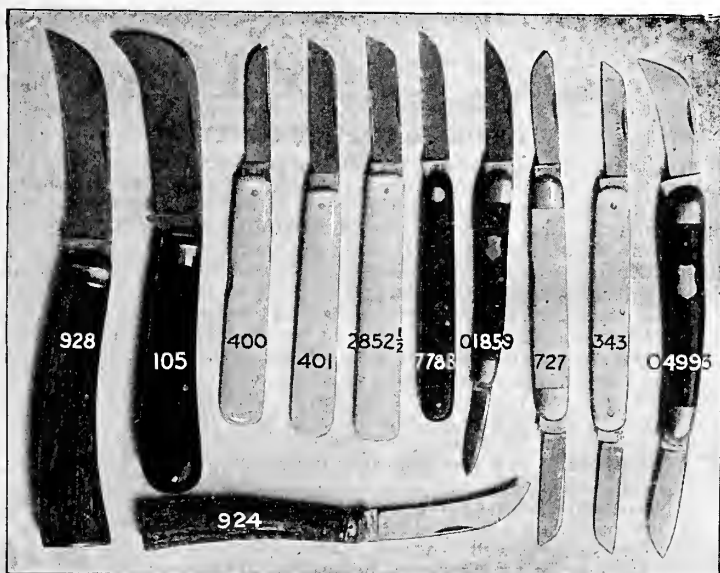
No. 11. 29 in., 3 ring, single, per doz.  
35c., per 100 \$2.50, per 1000 \$23.50.  
No. 11. 29 in., 3 ring, double, per doz.  
45c., per 100 \$3.25, per 1000 \$30.00.



## CELERY HILLERS

For banking up  
earth against Celery.

**Single**, each.....\$12.50 | **Double** (see cut), each...\$15.50



## ROOFING PAPER, ETC.

For lining greenhouse sides, waterproofing roofs, etc.

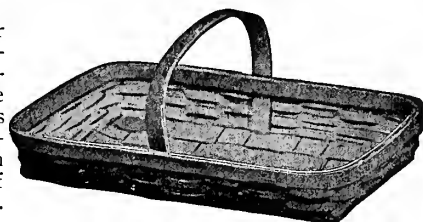
Sq. ft. per roll	Per roll
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	Sq. ft. per roll	Per roll
<b>Celery Paper.</b> For covering Celery Banks. \$4.50 for five rolls.....	500	\$1.00
<b>Neponset Red Rope..</b>	250	5.00
“ “ “ ..	250	2.50
“ “ “ ..	100	1.10
<b>Black Siding.....</b>	250	1.25
“ “ “ ..	500	2.50
<b>Tar or Pitch, 2-ply..</b>	100	.70
“ 3-ply..	100	1.00
<b>Paroid, 1-ply.....</b>	108	2.40
“ 2-ply.....	108	3.10
“ 3-ply.....	108	3.80
<b>Caps</b> for tar paper. lbs., 30c.	Lb.,	7c.; 5
<b>Nails</b> for tar paper. lbs., 30c.	Lb.,	7c.; 5

## ENGLISH GATHERING BASKET

Very convenient for carrying berry boxes, asparagus and other vegetables; also very suitable for gathering flowers roses, carnations, enabling one to have both hands free; made of oak; 12 in. wide, 23 in. long, 4 in. deep. Price, 50c. each; doz., \$5.50.



### English Gathering Basket

## OAK BASKETS

For fruit and vegetable harvesting; strongly made. These also make excellent baskets for placing weeds in when working among greenhouse plants.

I bu. size, no handle, 65c. each; per

doz., \$7.25.

1/2 bu. size, no handle, 40c. each; per doz., \$4.50.

1/2 bu. size, with drop handle, 40c. each;  
per doz., \$4.00.

¾ bu. size, with drop handle, 50c. each;  
per doz., \$5.00.

## SPLINT BASKETS

		With Stiff Handle		Without Handle	
		Per doz.	Per 100	Per doz.	Per 100
1/4	bu.....	\$0.60	\$4.50	\$0.55	\$4.25
1/2	bu.....	.65	4.75	.60	4.50
3/4	bu.....	1.10	7.50	.90	7.00
1	bu.....	1.50	10.50	1.40	10.00

## FLORISTS' HORTICULTURAL KNIVES

A good knife is an essential to every progressive florist. Our stock consists of such styles that are practical and in demand. They are all of the best steel, every one is guaranteed to be perfect and give good satisfaction. (See key to illustrations in opposite column.)

No.		Each
343	2 Blade Saynor, brass lined, ivory handle.....	\$1.60
727	2 Blade German brass lined, white handle.....	.90
04993	2 Blade German steel lined, ebony handle.....	.80
01859	2 Blade German brass lined, stag handle.....	.75
400	1 Blade Saynor, not lined, ivory handle.....	1.35
401	1 Blade Saynor, not lined, ivory handle.....	1.35
2852½	1 Blade German, not lined, bone handle.....	.90
928	1 Blade English steel lined, stag handle.....	1.35
924	1 Blade English steel lined, stag handle.....	1.00
778B	1 Blade German brass lined, ebony handle.....	.60
105	1 Blade heavy German steel lined, cocoa handle..	.65

# HEADQUARTERS FOR INSECT DESTROYERS. Prices subject to market changes.

Most every good Insecticide finds its way into Our Stock, and we feel that we are offering on these two pages the most approved as well as most effective remedies to be had anywhere.

**Antipest** (Carman's). For destroying red spider scale and green fly. Qt. 45c., 65c. per ½ gal., gal. \$1.25, \$5.00 per 5 gals.

**Ant Exterminator.** A powder that is used for distributing around buildings, on the greenhouse benches, on lawns, gardens, and any other places infested by ants. Per ¼ lb., 15c.; per ½ lb., 30c.; per lb., 55c.

**Aphine.** For destroying aphids, green fly, thrip, red spider and other greenhouse and outdoor insects. It dilutes readily in water about 1 part to 40 of the latter. ¼ pt. 25c.; 40c. per ½ pt.; per pt., 65c.; \$1.00 per qt.; gal., \$2.50.

**Aphis Punk.** A paper that has been thoroughly saturated with nicotine. Used for fumigating, giving off dense fumes of nicotine. Excellent for aphids, thrip, white and green fly, also red spider. (For use in greenhouses only.) Per pkg., 60c.; \$6.50 per 12 pkgs.

**Arsenate of Lead** (*Bowker's Disparene*). (See Disparene.)

**Arsenate of Lead** (*Paste*). For spraying trees and shrubs against the attacks of leaf-biting insects of all kinds, especially valuable for spraying to prevent the codling moth. It comes in paste form, and dilutes 1 lb. to 25 gals. water. Per lb., 22c.; 85c. per 5 lbs.; per 10 lbs., \$1.50; \$3.50 per 25 lbs.; per 50 lbs., \$5.75; per 100 lbs., \$9.50.

**Black Leaf 40.** A concentrated solution of nicotine sulphate, an excellent spray for black aphids and sucking insects of all kinds; dilutes 1 part from 100 to 1000 parts of water, according to treatment; full directions on each package. ½ lb. 85c.; \$3.25 for 2½ lbs.; 10½ lbs., \$12.50.

**Boro-Wax.** For painting trees to destroy and keep away borers. 40c. qt., 1 gal. \$1.10.

**Bordeaux Mixture.** Used principally for mildew, blight and fungous diseases that affect potatoes and fruit trees, etc.

**Paste or Pulp Bordeaux.** One part dilutes to 50 parts of water. Per qt., 35c.; 90c. per gal.; 5 gals., \$4.00.

**Quick Bordeaux** (in dry form). This is a combination of the proper materials put up in burlap sacks with full directions for using on each. Suspend the sack in a barrel of water or other receptacle and let the contents dissolve. 1 lb. 18c. 6-lb. sack makes 30 gals. liquid, price 60c.; 10-lb. sack makes 50 gals. liquid, price 90c.

**Bug Death.** Largely used instead of Paris Green. It is claimed to have the same effect. The manufacturers say that it acts as a fertilizer as well as an insecticide. It comes in powder form, and is applied pure. Not poisonous to persons. Per lb., 15c.; 35c. per 3 lbs.; per 5 lbs. 50c.; per 12½ lbs., \$1.00; \$7.50 per 100 lbs. (Special Shaker for Bug Death, 25c.)

**Carbolineum.** A germicide and disinfectant for purifying poultry houses, stables, cow barns, etc., also an excellent wood preserver when used as a paint. \$1.15 per gal. can.

**Copper Solution.** Made of sulphate of copper and other materials. Excellent spray for carnation rust and diseases of the grape, pear, apple and other fruits. A good thing to use for leaf blight and mildew. It is diluted in water. Per qt., 50c.; \$1.60 per gallon.

**Cow Ease.** This is very much like Shoo-Fly, but is made by a different factory, who claim similar merits for it. Applied with a sprayer or a sponge. Per qt., 30c.; 90c. per gal.; per 5 gals., \$4.00.

**Cyanide Potassium.** (For fumigating.) ¼ lb., 20c.; 45c. lb.

**Dalmation or Persian Powder.** For ridding buildings of all kinds of various insect pests, particularly for the smaller and creeping kinds, as it is not strong enough to destroy large or more hardy insects. 12c. per ¼ lb.; per lb., 40c.; \$1.75 per 5 lbs.

**Disparene** (*Bowker's*). A trade name for a brand of Arsenate of Lead, which it resembles in every way. Dilute 1 lb. to 25 gals. water. Price, 25c. per lb.; 5 lbs., 90c.; \$1.60 per 10 lbs.; 25 lbs., \$3.75; \$6.50 per 50 lbs.; \$12.00 per 100 lbs.

**Fir Tree Oil Soap.** This is very much like the Fir Tree Oil, except that it is in the shape of soft soap, and many prefer to use it in that way. It is dissolved according to directions in warm or hot water and used as a spray or wash. Per ½ lb., 20c.; 65c. per 2-lb. can.

**Fungine.** An excellent article for fungous diseases of all kinds. Qt., 75c.; \$2.00 per gal.

**Grape Dust.** A powder preparation used for mildew, aphids, black fly, and other insects and fungous diseases, principally in greenhouses. Per 5 lbs., 35c.; 65c. per 10 lbs.; per 25 lbs., \$1.50; \$5.25 per 100 lbs.

**Hellebore.** The ideal material for destroying rose bugs, currant worms and other soft-shelled insects that infest the garden. It can be applied dry or in liquid form. Per ¼ lb., 8c.; 12c. per ½ lb.; per lb., 20c.; per 5 lbs., 85c.; per 10 lbs., \$1.60.

**Getz-There Soap.** For washing palms. 2 lbs., 30c.; 80c. for 8 lbs.; \$1.90 per 25 lbs.; 50 lbs. \$3.50; bbl., 5½c. per lb.

**Kerosene Emulsion.** Diluted in water this makes an excellent spray for all mild forms of scale, and soft lice of any kind such as infect rose and fruit bushes, vegetables and trees. Liquid dilutes 1 part to 20 parts of water. (*PASTE*.) Per lb., 18c. per 5-lb. can, 70c.; per 25-lb. can, \$2.90. (*LIQUID*.) Per qt., 35c.; per gal., 90c.

**Kil-o-Scale.** Destroys and prevents the spread of scale insects of all kinds. Its chief use is the destruction of the San Jose Scale, which prevails in all parts of this country. It is diluted, one part Kil-o-Scale to twenty parts water. Per pt., 30c.; 50c. per qt.; per ½ gal., 75c.; per gal., \$1.25; \$5.00 per 5 gals.; per 25 gals., \$21.25; per 50 gals., \$42.50.



### Lemon Oil Insecticide.

The Best and Cheapest Insecticide in the Market. Used now by nearly all the leading growers. It effectually destroys Mealy Bug, Scale, Thrip and Red Spider.

Half Pint, 25c.	Pint, 40c.
Quart, 75c.	Half Gal., \$1.25
Gal., \$2.00	5 Gal. Kegs, \$9.00
	10 Gallon Kegs, \$17.50

**Lime Sulphur** (*Scalime*). For destroying San Jose Scale. This is in concentrated form which is diluted 1 gal. to 12 or 15 gals. water, either hot or cold. May be used as a summer or winter spray, excellent to use as a fungicide. Qt., 25c.; 40c. ½ gal.; 1 gal., 70c.; \$1.60 per 5 gals.; 10 gals., \$2.75; \$5.00 per 25 gals.; 50 gals., \$8.50.



## CARBONDALE HYDROMETERS

These are highly recommended by the Pennsylvania State Department of Agriculture for testing the gravity of Lime Sulphur solution; one should be in the hands of every man who uses this material. Price, 85c. (Postpaid, \$1.00.) With directions.

**Lime Sulphur** (*Bowker's*). A widely advertised brand much in demand, it is used the same as Scalime. 70c. gal., 5 gals. \$2.25, \$4.00 per 10 gals., 25 gals. \$7.00, \$11.50 per 50 gals.

**Nicoticide.** Used as a spray or as a vapor, principally in the latter way, it is placed in a tin saucer with lamp underneath, and the nicotine fumes are thus distributed. It is very effective in destroying thrip, aphids, white fly and red spider, etc. Per ¼ pt., 70c.; per ½ pt., \$1.25; per pt., \$2.50; per qt., \$4.50; \$8.25 per ½ gal.; 1 gal., \$15.00. (Special price in larger quantities.) LAMPS for Nicoticide, 50c. each.

**Nikotiana.** For spraying and fumigating. \$1.25 per qt.; per gal., \$4.00.

**Nikoteen.** One of the milder forms of tobacco or nicotine preparations, usually diluted in water, makes a most satisfactory spray as well as vapor, excellent for Pea lice in the garden. \$1.50 per pt.; 5 pts., \$7.00; per 10 pts., \$13.00.



## INSECT DESTROYERS—Continued

**Nico-Fume (Liquid).** This is used in very much the same way as Nicotinic. Per  $\frac{1}{4}$  pt., 50c.; per pt., \$1.50; per  $\frac{1}{2}$  gal., \$5.50; per gal., \$10.50; \$47.25 for 5 gals.; \$89.25 for 10 gals.; \$168.00 for 20 gals.

**Nico-Fume.** This is a paper treated with nicotine, giving off dense fumes of strong nicotine when ignited. Preferred by many who do not wish to spray or vaporize. Per box, 24 sheets, 75c.; per 144 sheets, \$3.50; per 288 sheets, \$6.50; \$35.10 for 6 cans, 288 sheets each; 12 cans, \$66.30; \$124.80 for 24 cans.

**Paris Green.** The chief merit of this article is the destruction of the potato bug. It may be used in liquid form, 1 pound in 50 gallons of water, or with Land Plaster at the rate of 1 pound Paris Green to 100 pounds Land Plaster. 10c. per  $\frac{1}{4}$  lb.; per  $\frac{1}{2}$  lb., 15c.; 30c. per lb.; \$1.25 per 5 lbs.; per 14 lbs., \$3.00.

**Pyrox (Bowker's).** A pasty substance used for all leaf-biting insects. It is really a Bordeaux and Arsenate of Lead combined and is excellent. Dilute 1 lb. to 5 gals. water. 25c. per lb.; 5 lbs., \$1.00; \$1.75 per 10 lbs.; 25 lbs., \$4.00; \$7.50 per 50 lbs.; \$13.50 per 100 lbs.; 200 lbs., \$26.50; \$62.50 per 500 lbs.

**Readeana Rose Bug Exterminator.** A poisonous preparation which dilutes in water. Used for destroying green fly, mealy bug, blight, mildew, etc. Will not injure flowers. 8 oz., 45c., 90c. per 24 oz., \$3.75 per gal.

**Scalecide (Soluble Crude Oil).** Used for the destruction of the San Jose Scale. Dilute at the rate of one gallon Scalecide to 20 gallons of water. Scalecide does not clog nozzles or pump. 45c. per qt.; per gal., \$1.00; \$3.25 per 5 gals.; 10 gals., \$6.00; \$16.00 per 30-gal. bbl.; per 30 gal. jacketed tin, \$15.00; \$25.00 per 50-gal. bbl.

**Scale Destroyer (Target Brand).** A combination of mineral and vegetable oils, and has many excellent scale destroying properties. Dilute at various strengths according to season. Per qt., 35c.; 65c. per  $\frac{1}{2}$  gal.; per gal., \$1.00; \$3.75 per 5 gals.; 10 gals., \$7.50; 25 gals., \$12.50; per 50 gals., \$23.00.

**Shoo Fly.** For keeping flies off cattle and horses, used with a sprayer or a sponge, the cattle and horses are either sprayed or rubbed with the preparation in the morning before being put in the field or out to their day's work. Per qt., 35c.; \$1.00 per gal.

**Slug Shot.** The standard remedy for currant worms, rose slugs, cabbage worms, and almost any soft-shelled insects that infest the vegetable or flower garden. 15c. per canister; per 5 lbs., 30c.; 60c. per 10 lbs.; 25 lbs., \$1.50; \$2.50 per 50 lbs.; 100 lbs., \$5.00. Full bbl. lots (about 250 lbs.),  $\frac{4}{5}$ c. per lb., f. o. b. Factory;  $\frac{4}{5}$ c. per lb., f. o. b. Phila.

**Sulphate of Copper.** For destroying fungous diseases of all kinds, also used in making Bordeaux mixture, and for spraying potato vines in connection with Paris Green. Where used as a Bordeaux mixture it requires four pounds Sulphate of Copper to 6 pounds Lime, which is diluted in 50 gallons of water. Per lb., 10c.; 90c. per 10 lbs.; 50 lbs., \$4.00; \$7.50 per 100 lbs.

**Sulphur (Flowers).** Used principally in greenhouses for checking mildew. It is also used as a preventive and cure for San Jose Scale when it is used in connection with lime and salt. Per lb., 6c.; 25c. per 5 lbs.; 25 lbs., \$1.10; \$3.50 per 100 lbs.; 175-lb. barrel, \$5.90.

**Sulphur Candles.** For fumigating in sick-rooms, also in conservatories and greenhouses. Large, 15c. each; per doz., \$1.75; small, 8c. each; per doz., 85c.

**Sulpho Tobacco Soap.** An excellent article for the person with a few plants. Especially good for destroying scale on palms and other plants. Soluble in warm water. Per 3-oz. package, 8c.; 15c. per 8-oz. package; in 10-lb. cakes, \$2.00 per cake; 25 lbs., \$4.50.

**Sulphocide.** An excellent summer spray for fungous diseases, combining Bordeaux Mixture and Lime Sulphur. 50c. pt.; qt., 75c.; \$2.00 per gal.; 5 gals., \$7.50.

**Thymo Cresol (Sheep Dip).** This preparation is used for disinfecting, etc. Per 4-oz. bottle, 25c.; 40c. per 8-oz. bottle; per qt., 70c.; \$1.10 per  $\frac{1}{2}$  gal.; per gal., \$2.00.

**Tobacco Dust.** Excellent for dusting on Lettuce and other plants to destroy soft, creeping insects. Per lb., 5c.; 20c. per 5 lbs.; per 10 lbs., 35c.; 75c. per 25 lbs.; 100 lbs., \$2.50; \$11.75 per 500 lbs.

**Tobacco Dust (Special Dusting).** A specially prepared, finely ground article. 5 lbs., 25c.; 25 lbs., 85c.; \$1.50 per 50 lbs.; 100 lbs., \$2.75.

**Tobacco Dust (Special Fumigating).** A specially prepared article for fumigating. 5 lbs., 25c.; 25 lbs., 85c.; \$1.50 per 50 lbs.; 100 lbs., \$2.75.

**Tobacco Soap (Sulpho).** This is excellent for washing off palms and plants such as Oleanders, Camellias, etc. Soluble in water, making an excellent preparation for washing animals. 3 oz., 8c.; 15c. for 8 oz.; 10 lbs., \$2.00; \$4.50 for 25 lbs.

**Tobacco Stems (Fresh).** Used principally for fumigating and under benches in greenhouses. They may also be steeped in hot water and used as a spray. Per lb., 5c.; 40c. per bu.; per bbl. bag, 75c.; per large bale, \$1.50; \$5.50 per half-ton; per ton, \$10.00.

**To-bak-ine Fumigating Paper.** Very much like Aphis Punk, which it resembles. It is used in exactly the same way as Aphis Punk. Per package, of 24 sheets, \$1.00; \$4.00 per 144 sheets; \$8.00 per box of 244 sheets.

**To-bak-ine Liquid.** Similar to Nicotinic; it is used in the same manner, and is practically the same, excepting that it is made by a different factory, and they claim for it everything that goes to make up a first-class insecticide; two grades, fumigating and spraying, state which is wanted when ordering. Per  $\frac{1}{4}$  pt., 75c.; \$1.35 per  $\frac{1}{2}$  pt.; per pt., \$2.50; \$9.00 per  $\frac{1}{2}$  gal.; per gal., \$17.50; \$85.00 per 5-gal. can.

**Tree Tanglefoot.** A paste preparation for painting around the trunks of trees, in the form of a band, and insects and other crawling pests cannot get over it. Per lb., 28c.; 3-lb. cans, 80c.; 10-lb. cans, \$2.50; 20-lb. cans, \$4.50; \$8.50 for 40-lb. cans.

**Vaporite.** Vaporite is a gray non-poisonous powder which, when it comes into contact with soil, gives off a vapor. This vapor kills all underground insects such as Wireworms, etc. Vaporite is for soil application—not for the leaves of the plant. Vaporite should be uniformly distributed on the surface or in the soil among the insects, so that the gas evolved may destroy them. 1 to  $1\frac{1}{2}$  lbs. is enough for a cubic yard of soil (about 1 cart load). 50c. per 5 lbs.; 25 lbs., \$1.75; \$3.25 per 50 lbs.; per 100 lbs., \$6.00.

**Vermine.** For sterilizing soil to destroy worms, maggots, etc.  $\frac{1}{2}$  pt., 40c.; 65c. pt.; qt., \$1.00; \$3.00 per gal.

**Whale or Fish Oil Soap.** For mild forms of Scale, also an excellent summer spray. Dissolved in water according to various purposes. Per  $\frac{1}{2}$  lb., 8c.; 15c. per lb.; per 5 lbs., 55c.; \$1.00 per 10 lbs.; per 25 lbs., \$1.60; \$6.00 per 100 lbs.

**Whale Oil Soap (Goods Caustic).** Used extensively as a tree spray and as a summer remedy for San Jose Scale, it comes in a soft soap form and is easily dissolved, 1 lb. to 10 gals. water. 18c. per 1-lb. can; 5-lb. can, 70c.; \$1.65 per 25-lb. can; 50 lbs., \$2.90; \$4.75 per 100 lbs.; 425-lb. bbl., \$16.75.

**Wilson's Plant Oil.** This is a soluble oil preparation, excellent for plant lice of all kinds. It is particularly valuable for greenhouses and conservatories, although it can be used to good advantage outdoors. Per pt., 40c.; 75c. per qt.; per  $\frac{1}{2}$  gal., \$1.25; \$2.00 per gal.

**Worm Eradicator (Reade's Electric).** Used indoors as well as outdoors, for destroying worms in pots, tubs, benches; in tennis courts and putting greens. Apply with a sprinkling can or otherwise. 50c. and \$1.00 per bottle; gal., \$3.75.

**Worm Eradicating Fertilizer (Carter's).** Used extensively, being applied to grass plots, putting greens, etc. It causes the worms to come to the surface, where they may be scooped up readily and further destroyed. In 100 lb. bags only, \$4.50; \$35.00 per 1000 lbs.; 2000 lbs., \$65.00. Apply at the rate of  $\frac{1}{2}$  lb. per square yard.

**HYDROCYANIC-ACID GAS-CYANIDE POTASSIUM-FUMIGATION** as given to us by a practical gardener. Very Poisonous to human beings and animals. Put four ounces of water in a galvanized iron pail, add to this two ounces of Sulphuric Acid, wrap an ounce of Cyanide of Potassium in paper and place it in the bucket which should be placed near the door of the greenhouse to afford quick exit; the moment the Cyanide strikes the liquid it generates a poisonous gas which must not be inhaled. The above charge is sufficient for 1000 cubic feet of space. Don't open the greenhouse for at least 12 hours. One of the ventilating sash should be arranged so it can be opened from the outside to allow the fumes to escape entirely before entering. This is claimed to be the only and best remedy to absolutely kill the white fly. It is claimed that it will not injure the most delicate plant, but the user should take great care of himself.

Cyanide,  $\frac{1}{4}$  lb. 20c., 45c. lb.; Sulphuric Acid, 25c. lb.

The Price on all Insect Destroyers is subject to Change.

# FERTILIZERS

Our List embraces the very best and most modern kinds. We are headquarters in Philadelphia, and can quote special prices on car-load quantities.

Prices Subject to Market Changes

**Animal Bone and Potash.** An ideal fertilizer for most all farm and garden crops. Apply 400 to 600 per acre. 200 lbs., \$3.00; \$2.40 per ton.



**Ashes. Canadian Hard Wood.** Apply 1000 lbs. per acre. For top dressing lawn and grass fields it is applied to best advantage either in very early spring or late fall. 25c. per 10 lbs.; 25 lbs., 40c.; 75c. per 50 lbs.; 100 lbs., \$1.25; \$2.35 per 200-lb. barrel; per ton, \$21.00.

**Acid or Rock Phosphate.** Apply 100 lbs. per acre. Used for mixing with other fertilizers to increase the phosphoric acid analysis. In 200-lb. sacks only, \$1.75; \$13.50 per ton.

**Asparagus Fertilizer (Pure Bone and Potash).** A mixture that promotes the root and top growth. Apply 600 lbs. per acre. 75c. per 25 lbs., 50 lbs. \$1.15, \$2.00 per 100 lbs., 200 lbs. \$4.00, \$35.00 per ton.

**Basic Slag.** (See Phosphate.)

**Bon Arbor.** A concentrated chemical fertilizer similar to Bonora, but less expensive; used in liquid form according to directions. **LIQUID:** \$1.80 per gal.; 5 gals., \$8.50. **POWDER,** dilutes 1 lb. to 30 gals. water: 5 lbs., \$1.60; \$11.00 per 50 lbs.; 100 lbs., \$18.00.

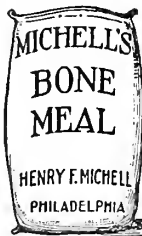
**Blood (Dried).** Apply 300 lbs. per acre. For indoor culture of flowering plants, like roses, carnations, etc., its chief element being nitrogen. 5 lbs., 25c.; 45c. per 10 lbs.; 25 lbs., \$1.00; \$1.85 per 50 lbs.; 100 lbs., \$3.50; \$6.25 per 200 lbs.; per ton, \$60.00.

**Blood, Bone and Potash (Potash and Truck Special).** The best fertilizer for the truck patch or garden, combines every element of plant food valuable for all vegetable crops. Note the high analysis, 7% avail. Phosp. Acid, 3½% Ammonia, 7% Potash. 100 lbs. \$2.25, \$4.00 per 200 lbs., ½ ton \$17.50, \$34.00 per ton.

**Blood Flour.** Apply 200 lbs. per acre. Much like dried blood except that it is finer and acts almost instantly. (Price, f. o. b. Chicago, \$4.00 per 100 lbs.; 200 lbs., \$7.75; \$35.50 per ½ ton; per ton, \$70.00.) Price, f. o. b. Philadelphia, 5 lbs., 35c.; 60c. per 10 lbs.; 25 lbs., \$1.25; \$2.25 per 50 lbs.; 100 lbs., \$4.50; \$8.50 per 200 lbs.; 1000 lbs., \$40.00; \$78.00 per ton.

**Bone, Pure Fine Ground.** For top dressing, potting soil, etc., not quite so high in analysis as the "Special Florists' Brand." 200 lbs., \$3.25; \$30.00 per ton.

**Bone Meal (Pearson's).** The best on the market for rose growers; supply limited. 200 lbs., \$3.75; \$18.00 per ½ ton; ton, \$35.00.



**Bone Meal (Michell's Special Florists' Brand).** Apply 600 to 800 lbs. per acre. Made from pure raw bone, without any addition of materials. The ideal bone for rose beds and greenhouse use. 3 lbs., 11c.; 19c. for 5 lbs.; 10 lbs., 30c.; 65c. per 25 lbs.; 50 lbs., \$1.15; \$2.00 per 100 lbs.; 200 lbs., \$3.50; \$32.00 per ton.

**Bone Flour (Pure).** Apply 600 lbs. per acre. Very fine, like dust, effective almost immediately, can be used for indoor or outdoor purposes. 5 lbs., 25c.; 35c. per 10 lbs.; 25 lbs., 70c.; \$1.25 per 50 lbs.; 100 lbs., \$2.00; \$3.50 per 200 lbs.; per ton, \$33.00.

**Bone (Coarse Cracked).** For use in making up compost or soil heaps. 200 lbs., \$4.50; \$40.00 per ton.

**Bone (Coarse Ground).** Apply 600 to 800 lbs. per acre. Prepared from raw bones, exactly like bone meal except that it is not so fine, or quick in action, is used for the same purposes. 5 lbs., 20c.; 30c. per 10 lbs.; 25 lbs., 70c.; \$1.25 per 50 lbs.; 100 lbs., \$2.00; \$3.50 per 200 lbs.; per ton, \$33.00.

**Bonora.** Directions for use are on each package. It may be used in either dry or liquid form; excellent for greenhouse and pot plants or vegetable forcing. 25c. per trial pkg. (by mail, 30c.); 50c. per lb. (by mail, 66c.); \$2.50 per 5 lbs.

**Button Bone.** Very desirable for rose growing; in 200-lb. bags only. \$3.75 per bag; per ton, \$35.00.

**Chrysanthemum Manure (Thomson's Special).** Especially recommended and used by the leading gardeners of England and America. Very highly concentrated. Can be used in liquid and in dry form. Per 28-lb. sack, \$4.00; per 56-lb. sack, \$6.75.

**Climax Lawn Sand.** (See Lawn Sand.)

**Clay's Fertilizer.** An English chemical fertilizer, for forcing greenhouse plants and vegetables. It can be used in either dry or liquid form. 5 lbs., 50c.; 95c. per 10 lbs.; 28 lbs., \$1.75; \$3.25 per 56 lbs.; 112 lbs., \$6.00.

**Copperas (Sulphate of Iron).** For destroying lawn and farm weeds as well as acting as a gentle fertilizing stimulant; it dilutes 100 lbs. to 50 gals. of water, which is sufficient to spray an acre. 25 lbs., 65c.; \$1.10 per 50 lbs.; 100 lbs., \$1.60; \$2.25 per 200 lbs.

**Cotton Seed Meal.** Apply 600 lbs. per acre. Exceedingly rich in potash and ammonia, making it excellent for use as a grass and grain fertilizer; for putting greens it is invaluable. 5 lbs., 20c.; 35c. per 10 lbs.; 25 lbs., 75c.; \$1.25 per 50 lbs.; 100 lbs., \$2.25; \$4.00 per 200 lbs.; ton, \$38.00.

**Corn Phosphate.** (See Phosphate.)

**Cow or Cattle Manure (Pulverized).** This we do not carry in stock, but can procure to order from Chicago in numerous cars we have coming forward constantly; some growers prefer this to the shredded kind. *Price f. o. b. Chicago:* 100 lbs., 1.35; \$5.50 for 500 lbs.; 1000 lbs., \$9.00; \$16.00 per ton. *Price f. o. b. Phila.:* \$1.65 per 100 lbs.; 500 lbs., \$7.50; \$13.00 per ½ ton; ton, \$23.00.



**Cow or Cattle Manure (Shredded).**

One sack of this is equal to one cart-load of cow manure, it is convenient to handle, making it possible for everyone to get this usually scarce article at all times. It takes up very little space and is indispensable for any fertilizing purpose. 100-lb. sack, f. o. b. Philadelphia, \$1.50 per 100 lbs.; 500 lbs., \$6.50; \$11.50 per 1000 lbs.; ton, \$22.00. F. o. b. Chicago: 100 lbs., \$1.20; \$5.00 per 500 lbs.; 1000 lbs., \$8.00; \$15.00 per ton.

**Dissolved Bone.** Apply 600 to 800 lbs. per acre. Used principally for indoor culture, although it is highly recommended for a grass top dressing. 200-lb. sacks only, \$3.25; \$30.00 per ton.

**Fish Guano or Dried Fish.** Apply 300 to 400 lbs. per acre. For truck and plant forcing this is recommended. Also used to mix with other fertilizers to increase the ammonia analysis. In 200-lb. sacks only, \$5.50; \$50.00 per ton.

**Farmo-Germ.** A nitrogen gathering bacteria to be used when planting or sowing seeds of leguminous plants such as clover, peas, beans, etc. It makes possible to grow Alfalfa where it often can otherwise not be grown, it increases the yield and makes it possible for plants to gather free nitrogen from the air equal in value to 150 lbs. nitrate per acre. Crops treated with Farmo-Germ leave the ground rich in nitrogen for the next succeeding one. Ask for special pamphlet on Farmo-Germ. Trial (¼ acre) bottles, 50c.; \$2.00 per acre bottle. Always specify in order for what crop Farmo-Germ is desired.

**Guano (Peruvian Substitute).** Of very high analysis in all necessary plant food elements and is now extensively used in place of Peruvian guano, which has become extremely scarce. 25 lbs., 75c.; \$1.35 per 50 lbs.; 100 lbs., \$2.40; \$3.75 per 200 lbs.; ton, \$35.00.

**Hog Manure (Pulverized).** Some growers prefer this to either sheep or cow manure. We can supply it to order, bringing it forward in numerous cars which we have coming from Chicago at intervals. *Price f. o. b. Phila.:* \$1.50 per 100 lbs.; 500 lbs., \$7.00; \$12.00 per ½ ton; ton, \$23.00. *Price f. o. b. Chicago:* \$1.35 per 100 lbs.; 500 lbs., \$5.00; \$8.50 per 1000 lbs.; ton, \$16.00.

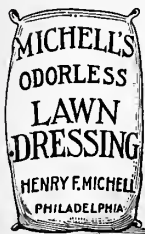


# FERTILIZERS—CONTINUED (ALL PRICES SUBJECT TO MARKET CHANGES)

**Horn Shavings.** Used principally for mixing in potting soil, is rich in ammonia; especially valuable in chrysanthemum growing. 5 lbs., 30c.; \$1.15 per 25 lbs.; 50 lbs., \$2.20; \$4.00 per 100 lbs.

**Kainit (Potash Salts).** Apply about 800 to 1000 lbs. per acre. Excellent for potatoes, corn and other grains. 5 lbs., 15c.; 25c. per 10 lbs.; 25 lbs., 40c.; \$1.00 per 100 lbs.; 200 lbs., \$1.75; \$14.00 per ton.

**Land Plaster.** Apply about 1000 to 1500 lbs. per acre. For top dressing, sour and wornout soils, also for mixing with Paris Green. 25c. per 25 lbs.; 50 lbs., 35c.; 60c. per 100 lbs.; 200 lbs., \$1.10; \$9.00 per ton.



**Lawn Dressing (Michell's Odorless).** Apply 500 to 600 lbs. per acre. A quick stimulant for lawns and grass lands. 5 lbs., 25c.; 40c. per 10 lbs.; 25 lbs., 85c.; \$1.50 per 50 lbs.; 100 lbs., \$2.50; \$4.00 per 200 lbs.; per ton, \$37.50.

**Lawn Sand (Climax).** A weed destroyer as well as a fertilizer, containing a large percentage of nitrogen. Will be found very valuable for lawn use. For best results follow the directions on the packages. 3½-lb. tin, 30c.; 60c. for 7 lbs.; \$1.00 per 14-lb. tin; 28 lbs., \$1.60; 56 lbs., \$2.80; \$4.80 per 112-lb. keg; 560 lbs., \$20.00.

**Limestone (Pulverized).** For applying on sour and worn-out soils at the rate of 1 ton per acre. Put up in 100-lb. bags; no less quantity sold. 75c. per bag; 1000 lbs. \$5.50; \$9.00 per ton.

**Lime (Hydrated or Powdered).** For mixing with earth or other purposes where a soil sweetener is needed. 128-lb. sack, \$1.10; 640 lbs. for \$4.50; \$11.00 per ton.

**Manure.** At short notice we can usually supply first-class horse, cow and stock yard manure in carload lots only. Prices quoted on request.

**Manure (Dried Pulverized Horse).** Richer in analysis than sheep manure, excellent for flower growing; a sack is almost equal in bulk to a cartload. Price f. o. b. Phila.: 100 lbs., \$1.75; \$7.75 per 500 lbs.; 1000 lbs., \$15.00; \$27.00 per ton. Price f. o. b. Factory: 100 lbs., \$1.50; \$7.00 per 500 lbs.; 1000 lbs., \$13.00; \$25.00 per ton.

## MAPES FERTILIZERS

	F. o. b. Phila. 200 lbs.	Ton	F. o. b. Factory 200 lbs.	Ton
Complete Manure, for general use...	\$4.50	\$42.00	\$4.20	\$39.00
Complete Manure, for heavy soils...	4.75	45.00	4.45	42.00
Complete Manure, for light soils...	4.85	47.00	4.55	44.00
Corn Manure .....	4.25	40.00	3.95	37.00
Early Vegetable Manure .....	4.85	47.00	4.55	44.00
Potato Manure .....	4.50	42.00	4.20	39.00
Vegetable Manure, for all soils.....	4.85	47.00	4.55	44.00



**Muriate of Potash.** Apply 100 to 150 lbs. per acre, usually with other fertilizers. This must be used with great care, as it is very powerful. Excellent for potatoes, corn, grains, etc. Analysis, equal to 50% actual potash. 30c. per 5 lbs.; 10 lbs., 45c.; \$1.00 per 25 lbs.; 50 lbs., \$1.65; \$2.75 per 100 lbs.; 200 lbs., \$5.25; \$26.50 per ½ ton; ton, \$52.00.

**Plant Food (Bowker's).** ½-lb. pkgs., 13c. each; doz., \$1.35; \$10.50 per 100; 1-lb. pkgs., 20c.; \$2.25 per doz.; per 100, \$16.00.

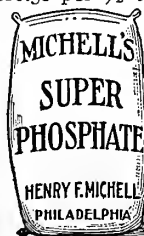
**Plant Food (Michell's).** 10c. per ½-lb. pkg. (by mail, 18c.); \$1.00 per doz.; 100 \$8.00.

**Nitrate of Soda.** Apply 100 to 150 lbs. per acre, mixing with land plaster or other fertilizers to render application more easy. Use only after plants are above ground. If used in liquid form dilute two ozs. to 1 gal. of water and do not apply oftener than twice a week. 5 lbs., 25c.; 50c. per 10 lbs.; 25 lbs., \$1.10; \$2.00 per 50 lbs.; 100 lbs. \$3.50; \$6.75 per 200 lbs.; ½ ton, \$32.50; \$64.00 per ton.

**Phosphate (High Grade Ammoniated).** For all vegetable crops, grain, grass, etc. Apply 500 to 600 lbs. per acre broadcast. 5 lbs., 15c.; 25c. per 10 lbs.; 25 lbs., 50c.; 85c. per 50 lbs.; 100 lbs., \$1.50; \$2.75 per 200 lbs., ton, \$23.00.

**Phosphate for Corn (Phosphate and Potash).** Apply 500 to 600 lbs. per acre. This contains the necessary ingredients to produce a bumper crop of either field or sugar corn. 200 lbs., \$3.00; \$12.00 per ½ ton; ton, \$23.00.

**Phosphate (Michell's Hi-Grade Potato).** Apply 400 to 600 lbs. per acre. The best fertilizer for potatoes, being especially rich in every ingredient on which potatoes thrive. 200 lbs., \$3.75; \$16.50 per ½ ton; ton, \$32.00.



**Phosphate (Basic Slag).** Used extensively for top dressing lawns, grass and grain lands. Contains the proper elements to produce a rich luxuriant growth. Apply 600 to 800 lbs. per acre. \$2.25 per 200 lbs.; per ton, \$18.00.

**Potato Manure (Baugh's).** Apply 400 lbs. per acre. The principal fertilizer for potatoes in this section, being especially compounded for this purpose. 25 lbs., 60c.; \$1.00 per 50 lbs.; 100 lbs., \$1.75; \$3.25 per 200 lbs.; ton, \$28.00.

**Poudrette (Native Guano).** Apply 1000 lbs. per acre. Extensively used for gardens, lawns, in making compost and in fact wherever a good, quick acting fertilizer is wanted. It is odorless and easily handled. 5 lbs., 15c.; 25c. per 10 lbs.; 25 lbs., 50c.; 100 lbs., \$1.25; \$2.25 per 200 lbs.; 600 lbs., \$6.00; \$9.00 per 1000 lbs.; per ton, \$17.00.

**Salt.** For agricultural purposes, asparagus beds and putting on walks and roads to kill weeds. Apply 600 to 800 lbs. per acre in early spring. 25c. for 25 lbs.; 75c. per 100 lbs.; 200 lbs., \$1.35; \$9.00 per ton.



**Sheep Manure (Wizard Brand).** Apply 1000 lbs. per acre. For garden, lawn or greenhouse use nothing surpasses sheep manure; it is clean and easily handled, besides giving immediate results. Prices, f. o. b. Philadelphia, 20c. per 5 lbs.; 10 lbs., 30c.; 50c. per 25 lbs.; per 100 lbs., \$1.50; 500 lbs., \$7.00; \$13.50 per 1000 lbs.; per ton, \$25.00.

**Sheep Manure (Wizard Brand).** F. o. b. Chicago: 100 lbs., \$1.25; \$6.00 per 500 lbs.; 1000 lbs., \$11.00; \$18.00 per ton.

**Soot (Imported Scotch).** This is used principally for bringing a good, healthy color into the foliage of chrysanthemum and other greenhouse plants. Also destroys insects and grubs that work on top of and underneath the surface. 5 lbs., 25c.; 40c. for 10 lbs.; 75c. per 25 lbs.; 112 lbs., \$2.75; \$12.50 for 560 lbs.

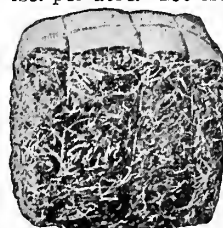
**Sulphate of Ammonia.** Apply 75 to 100 lbs. per acre only with other fertilizers deficient in nitrogen. This material will stimulate growth almost immediately. Analysis, equal to 25% of ammonia. 30c. per 5 lbs.; 10 lbs., 55c.; \$1.25 per 25 lbs.; 50 lbs., \$2.50; \$4.75 per 100 lbs.; \$42.50 per ½ ton; ton, \$82.50.

**Sulphate of Potash.** Apply 100 to 125 lbs. per acre, usually with other fertilizers. On account of its great strength it must be used judiciously. Valuable for root and grain crops. Analysis, equal to 50% of actual potash. 5 lbs., 35c.; \$1.00 per 25 lbs.; \$1.75 per 50 lbs.; 100 lbs., \$3.25; \$6.00 per 200 lbs.; ½ ton, \$28.50; \$55.00 ton.

**Tankage.** This is usually applied to plants such as roses, etc., under glass. It is similar to dried blood. 5 lbs., 25c.; 40c. per 10 lbs.; 25 lbs., 75c.; \$1.25 per 50 lbs.; 100 lbs., \$2.00; \$3.50 per 200 lbs.; ton, \$30.00.

**Thomson's Special Flower, Vegetable and Vine Manure.** Imported from England, this excellent chemical fertilizer is extensively used wherever it is desired to force flowers or vegetables. 28 lbs., \$1.60; \$3.10 per 56 lbs.; 112 lbs., \$6.00.

**Wheat Fertilizer.** For grass and grain crops. Apply 5 to 600 lbs. per acre. 200 lbs., \$3.00; \$12.00 per ½ ton; per ton, \$23.00.

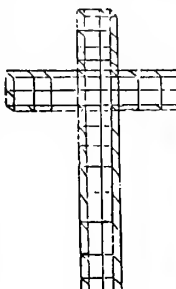


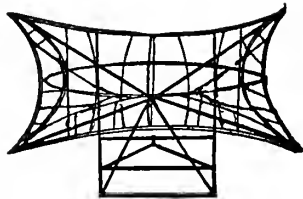
**Tobacco Stems.** For fumigating, mulching and fertilizing. Lb., 5c.; per bushel, 40c.; 75c. per barrel sack; large bales, \$1.50; ½ ton, \$5.50; ton, \$10.00.

**U-Treat-Me Plant Food.** Particularly adapted for lawn and plants in general. 5-lb. bag, 50c.; \$2.00 for 25-lb. bag; 100 lbs., \$5.00.

**Wood Ashes.** See Ashes at top of opposite page.

**WIRE DESIGNS****CROSSES**

	Each	
10 inch.....	\$0.05	
12 ".....	.06	
14 ".....	.08	
16 ".....	.09	
18 ".....	.10	
20 ".....	.12	
22 ".....	.14	
24 ".....	.16	
26 ".....	.20	
28 ".....	.23	
30 ".....	.26	
32 ".....	.30	
34 ".....	.40	

**PILLOWS—OPEN TOP**

	Each		Each
10 inch.....	\$0.12	20 inch.....	\$0.28
12 ".....	.15	22 ".....	.32
14 ".....	.18	24 ".....	.40
16 ".....	.22	26 ".....	.50
18 ".....	.25	28 ".....	.55

**HORSE SHOES**

	Each		Each
12 inch.....	\$0.14	24 inch.....	\$0.50
14 ".....	.20	26 ".....	.60
16 ".....	.23	28 ".....	.70
18 ".....	.28	30 ".....	.85
20 ".....	.35	33 ".....	1.00
22 ".....	.40	36 ".....	1.15

**GATES AJAR**

Measurements Include Entire Height	Each
18 inches high.....	\$0.85
21 ".....	1.00
24 ".....	1.25
27 ".....	1.50
30 ".....	1.75
33 ".....	2.00
36 ".....	2.25

**WREATHS**

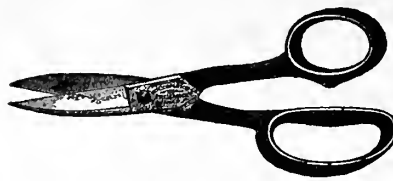
	Each
8 inch.....	\$0.06
10 ".....	.08
12 ".....	.10
14 ".....	.12
16 ".....	.16
18 ".....	.18
20 ".....	.20
22 ".....	.25
24 ".....	.30

**ANCHORS**

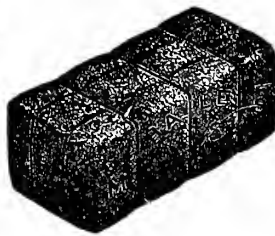
	Each		Each
10 inch.....	\$0.12	18 inch.....	\$0.22
12 ".....	.14	20 ".....	.25
14 ".....	.16	22 ".....	.28
16 ".....	.18	24 ".....	.35

**STAR AND CRESCENT**

	Each
14 inch.....	\$0.38
16 ".....	.45
18 ".....	.50
20 ".....	.55

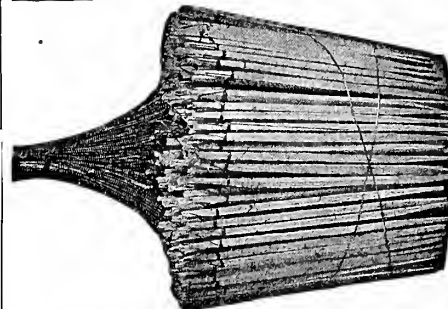
**WIRE SNIPS**

	Each
7½ inches, short blade.....	\$0.60
8 " long .....	.65
8 " heavy .....	.75
10 " .....	1.00

**MOSS**

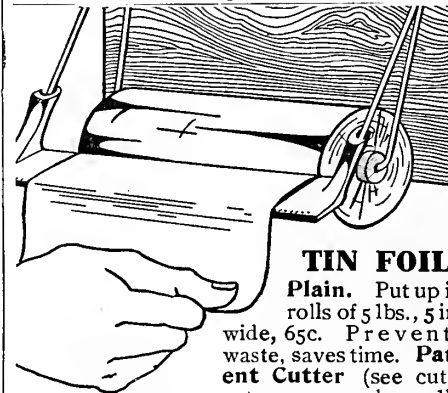
We make a specialty of long, clean, selected sphagnum moss; florists will find the quality we furnish to be much better than the average.

**Sphagnum, Live or Green.** Peck 20c., 60c. per bush. ....per bbl., \$1.40  
**Sphagnum, Dry.** Barrel bales 50c. if called for; (if shipped 60c.).....  
**Sphagnum, Dry.** 5 barrel bales \$1.75 (3 bales for \$5.00).....  
**Green Lump.** Peck 25c., 70c. bush., bbl bag \$1.35.  
**Green Sheet.** Peck 30c., \$1.10 bush., bbl. bag \$2.50.

**WIRED TOOTH PICKS**

As a labor saver have no equal. Furthermore they are always ready; no looking for wire or shears.

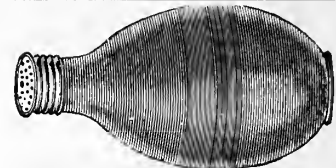
Per box of 10,000 \$1.75, 50,000 for \$7.50.  
**Plain Tooth Picks.** 5c. box, doz. boxes 50c.

**TIN FOIL**

**Plain.** Put up in rolls of 5 lbs., 5 in. wide, 65c. Prevents waste, saves time. **Patent Cutter** (see cut), extra, 25c. each; 1 lb. pkgs., 5 in. wide, 11c. lb., 2 lbs. 20c., 50c. for 5 lbs., 25 lbs. \$2.40, \$9.50 per 100 lbs.  
**Violet Foil.** 30c. per lb., 5 lbs. \$1.25.  
**Green Foil.** 30c. per lb., 5 lbs. \$1.25.

**PAPER FOR FLOWERS**

	Sheets per ream	Lb.	Ream
<b>Manilla.</b> For wrapping..	480	\$0.07	\$1.35
" Tissue .....	480	.09	.75
<b>Wax.</b> White. Best quality, 24 x 36 inches.....	480	.15	1.40
<b>Wax.</b> Green. Best quality, 24 x 36 inches.....	480	.20	1.75

**RUBBER SPRINKLERS**

No. 1, Large, straight neck.....	\$0.85
No. 2, Medium ".....	.75
No. 4, Small ".....	.50
<b>Crook Neck,</b> large.....	.85
" small .....	.50

**CARNATION MENDERS****Carnation Staples**

For calyx mending, 50c. per 1000, 5000 for \$2.25, \$4.00 for 10,000, 25,000 for \$8.75, \$15.00 for 50,000.

**Rubber Bands**

Ounce 25c., ¼ lb. 85c., ½ lb. \$1.60, 1 lb. \$3.00. Add 16c. per lb. for postage.

**Bauer Carnation Outfits**

Pliers and 1000 clips, \$2.50.

Pliers, each \$2.00.

Clips, 80c. per 1000, postpaid; 2000 for \$1.50; \$3.25 per 5000.

**FLORISTS' SUNDRIES**

	Peck	Bu.	Bbl. sacks
<b>Charcoal (Lump)</b> .....	\$0.20	\$0.60	\$1.25
<b>Cocoonat Fibre</b> .....	.30	.75	2.00
<b>Leaf Mould.</b> .....	.20	.60	1.25
<b>Pebbles</b> .....	.20	.80	1.80
<b>Peat,</b> Best quality (5 barrels, \$5.50) .....	.20	.60	1.25
<b>Peat, Orchid</b> .....	.25	.75	1.75
<b>Sand.</b> For propagating .....	.20	.60	1.50
<b>Soil.</b> Prepared potting..	.20	.60	1.50
<b>Celery Brushes.</b> Large, 40c.; small, 25c.			
<b>Celery Tape.</b> 1000 yds., \$2.00.			
<b>Carnation Dye.</b> (Green.) \$1.00 per bottle.			
<b>Daylite Glass Cleaner.</b> For greenhouse glass. 1 gal., \$1.00; \$4.50 per 5 gals.			
<b>Grafting Wax.</b> ¼ lb., 8c.; 12c. ½ lb.; 1 lb., 20c.; 90c. 5 lbs.			
<b>Shadeline.</b> For shading greenhouse glass, 30 lbs., \$3.60; \$6.00 per 60 lbs.; 100 lbs. \$8.00; \$14.00 per 200 lbs.			
<b>Weed Killer.</b> Target Brand. \$1.00 per gal.; 5 gals., \$4.50; \$8.50 per 10 gals.; 50 gals., \$35.00.			
<b>Weed Killer.</b> Fairmount, \$1.20 per gal.; 5 gals., \$5.75; \$10.50 for 10 gals.			
<b>Zementine.</b> For whitewashing and shading glass, 2 lbs., 15c.; 70c. for 10 lbs.; 100 lbs., \$6.50; barrels (325 lbs.), 6c. per lb.			

All Prices Subject to Market Changes.



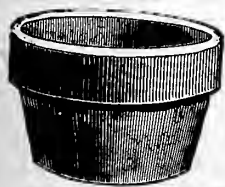
# PLANT TUBS, POTS, ETC.



*P. S.—The prices on clay flower pots, bulb pans and saucers are subject to a discount of 5 per cent. for cash with order, or if paid within 30 days. Special price to large buyers*

## STANDARD FLOWER POTS

Size	100	1000	Doz.	100	1000
1 3/4 inch.....	\$0.31	\$2.80	7 inch.....	\$0.68	\$4.20
2 ".....	.35	3.20	8 ".....	.95	5.88
2 1/4 ".....	.40	3.60	9 ".....	1.35	8.40
2 1/2 ".....	.48	4.40	10 ".....	1.85	11.34
3 ".....	.62	5.60			
3 1/2 ".....	.75	6.80			
4 ".....	\$0.15	\$0.97	\$8.80		
4 1/4 ".....	.18	1.10	10.00		
4 1/2 ".....	.22	1.32	12.00		
5 ".....	.28	1.76	16.00		
5 1/2 ".....	.35	2.20	20.00		
6 ".....	.42	2.64	24.00		
6 1/2 ".....	.55	3.36	32.00		



## BULB PANS (Earthenware)

Size	Each	Doz.	100	1000
6 inch.....	\$0.05	.50	2.64	24.00
7 ".....	.06	.60	3.26	32.00
8 ".....	.07	.75	4.20	40.00
9 ".....	.10	1.00	5.88	56.00
10 ".....	.12	1.25	7.56	72.00
12 ".....	.20	1.75	10.50	100.00
14 ".....	.35	3.50	21.00	
16 ".....	.60	6.00	42.00	
18 ".....	.85	9.00	65.00	

## ORCHID RECEPTACLES (Earthenware)

Square Baskets	Round Pans
Each Doz.	Each Doz.
4 in.....\$0.12 \$1.20	4 in.....\$0.09 \$0.90
6 in......20 2.00	5 in......12 1.30
7 in......25 2.50	6 in......15 1.50
	8 in......20 2.00
	10 in......30 3.00

## AZALEA POTS

Width	Height	Each	Doz.	100	1000
5 inch	4 1/2 inch	\$0.03	\$0.30	\$1.76	\$16.00
6 " "	5 " "	.05	.46	2.64	24.00
7 " "	6 " "	.08	.70	4.20	40.00
8 " "	7 " "	.10	1.00	5.88	56.00
9 " "	7 1/2 " "	.12	1.25	8.40	80.00
10 " "	8 " "	.20	1.90	11.34	108.00

## FERN DISH LINERS

Width	Height	Each	Doz.	100	1000
7 inch	1 1/2 inch	\$0.06	\$0.60	\$2.94	28.00



Fern Pans

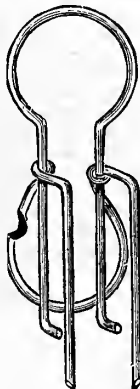
## FERN PANS (Earthenware)

Width	Height	Each	Doz.	100
4 in.	1 1/2 in.	\$0.03	\$0.27	\$1.32
4 1/4 in.	2 1/2 in.	.04	.30	1.76
5 1/2 in.	2 1/2 in.	.05	.37	2.20
6 1/4 in.	2 1/2 in.	.06	.45	2.52
7 in.	2 1/2 in.	.08	.49	2.94
8 in.	3 1/2 in.	.09	.72	4.20
9 in.	3 1/2 in.	.13	.86	5.04

## SQUARE SEED PANS

In.	Each	Doz.	In.	Each	Doz.
6x6	\$0.15	\$1.60	10x10	\$0.25	\$2.50
8x8	.20	2.00	12x12	.30	3.00

## KRICK POT HANGERS



Pot Hangers

The devices for lifting plants in and out of Jardinieres; also for suspending plants, such as Asparagus Sprengerii, Ferns, etc.

No. 1—for 3 to 5-inch Pots.....	\$0.20	\$1.50
No. 2—for 6 to 7-inch Pots.....	.25	1.75
No. 3—for 8 to 10-inch Pots.....	.35	2.00

**PERFECTION SINGLE WIRE POT HANGERS**  
50c. doz.....\$3.00 Per 100



Wood Fibre Plant Tub

## WOOD FIBRE PLANT TUBS

Complete with saucer			
Plain		Enamelled Green	
Each	Doz.	Each	Doz.
... \$0.54	\$6.12	\$0.80	\$9.18
... .63	7.14	.99	11.22
... 1.30	14.79	1.73	19.55
... 3.38	38.25	4.05	45.90

## "NEPONSET" PAPER FLOWER POTS

They are the cheapest flower pots on the market. Made from the well-known Neponset Water-Proof Fabric, and for lightness, cleanliness and cheapness have no equal. Especially valuable for shipping plants by express.

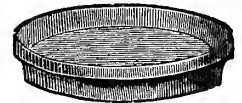
These Prices are net, no discount

Size	100	1000	Weight per 1000 pots	Size	100	1000	Weight per 1000 pots
2 1/2 ".....	\$0.30	\$2.42	20 pounds	4 ".....	\$0.80	\$6.60	38 pounds
2 1/2 ".....	.35	2.78	23 " "	5 ".....	1.20	10.96	56 " "
3 ".....	.45	3.82	33 " "	6 ".....	1.65	14.68	74 " "
3 1/2 ".....	.65	5.24	44 " "				

500 of any of the above in one size at 1000 rate

## FLOWER POT SAUCERS (Earthenware)

Doz.	100	Doz.	100
4 inch.....\$0.13	\$0.79	9 inch.....\$0.55	\$3.36
5 "......16	.99	10 "......67	4.20
6 "......23	1.32	11 "......80	5.04
7 "......27	1.68	12 ".....1.00	6.30
8 "......40	2.52	14 ".....1.65	10.50



## FLOWER POT SAUCERS

Made of Wood Fibre Ware

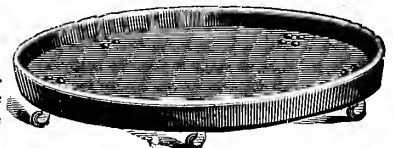
Unbreakable. Are not porous and will protect woodwork, tables, etc., on which plants are to stand.

Each	Doz.	100	Each	Doz.	100
4 inch.....\$0.09	\$1.05	\$8.33	10 inch.....\$0.14	\$1.53	\$12.11
5 "......10	1.08	8.56	12 "......16	1.84	14.53
6 "......10	1.12	8.88	14 "......22	2.45	19.38
7 "......11	1.22	9.69	16 "......38	4.28	33.91
8 "......12	1.33	10.50	18 "......43	4.90	38.76
9 "......13	1.47	11.63			

## ROLLING STANDS

Made of Indurated Fibre Ware

Water cannot soak through. Every heavy plant sold needs one to save carpets and floors. Can be moved about with ease.



Size	Each	Doz.	Size	Each	Doz.
12 inch.....	\$0.45	\$5.10	18 inch.....	\$0.75	\$8.50
14 ".....	.54	6.12	20 ".....	.90	10.20
16 ".....	.68	7.65	22 ".....	1.13	12.75

## WHITE CEDAR PLANT TUBS

With black iron hoops. Our cedar tubs are all made of extra quality wood by hand, and will be found far superior in every way to the regular machine made tub. Measurements are outside.



Cedar Plant Tub

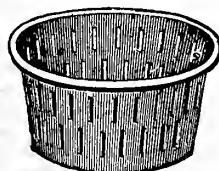
No.	Diam.	Length of Stave	Price
No. 0	27 in.	24 in.	\$4.75
No. 1	25 " "	22 " "	4.25
No. 2	23 " "	21 " "	3.75
No. 3	21 " "	18 " "	3.25
No. 4	19 1/2 " "	16 " "	2.65
No. 5	18 " "	14 " "	2.40
No. 6	16 1/2 " "	13 " "	1.85
No. 7	15 " "	11 " "	1.60
No. 8	12 " "	10 " "	1.50

## WHITE CEDAR PLANT TUBS

With Extra Heavy Galvanized Hoops

No. 0	\$5.15	No. 5	\$2.65
No. 1	4.60	No. 6	2.15
No. 2	4.15	No. 7	1.85
No. 3	3.65	No. 8	1.70
No. 4	2.95		

## ORCHID RECEPTACLES



Orchid Pan

Round Earthen Pans	Each	Doz.	Square Earthen Baskets	Each	Doz.
4 in.	\$0.09	\$0.90	4 in.	\$0.12	\$1.20
5 " "	.12	1.30	6 " "	.20	2.00
6 " "	.15	1.50	7 " "	.25	2.50
8 " "	.20	2.00			
10 " "	.30	3.00			





# PERENNIALS FOR FALL PLANTING

**F**EW Florists realize the importance of Perennials either as cut flowers or for their home plant trade. Perennials are the flower of the future and progressive florists are wise in providing for a complete list of desirable kinds. We grow our own plants at our Plant Establishment at Torresdale and our heavy soil produces unusual fine quality. This Offer is subject to stock being unsold when order is received.

		Price	
Variety		Per Doz.	Per 100
<b>Achillea.</b>	The Pearl .....	\$1.00	\$ 7.00
"	Millefolium Cerise Queen.....	1.00	7.00
<b>Agrostemma.</b>	Coronaria.....	1.00	7.00
<b>Alyssum.</b>	Saxatile Compactum.....	1.00	7.00
<b>Anchusa.</b>	Italica, Dropmore Var.....	1.50	10.00
<b>Anemone Jap.</b>	Alba.....	1.00	7.00
"	" Alice.....	1.50	10.00
"	" Kriemhilde.....	1.50	10.00
"	" Prince Henry.....	1.00	7.00
"	" Rubra.....	1.00	7.00
"	" Whirlwind.....	1.00	7.00
<b>Aquilegia.</b>	Canadensis.....	.90	6.50
"	Chrysantha.....	.90	6.50
"	" Alba.....	.90	6.50
"	Coerulea.....	.90	6.50
"	Flabellata Nana Alba.....	1.00	7.00
"	Helena.....	1.00	7.00
"	Rose Queen.....	1.00	7.00
"	Long Spurred Hybrids.....	.85	6.00
<b>Arabis.</b>	Alpina.....	1.00	7.00
<b>Armeria.</b>	Maritima.....	1.00	7.00
<b>Artemisia.</b>	Lactiflora.....	1.60	12.00
<b>Asclepias.</b>	*Tuberosa.....	1.00	7.00
<b>Aster.</b>	Amethystinus.....	1.00	7.00
"	Beauty Parfait.....	1.00	7.00
"	Beauty of Colwall.....	1.00	7.00
"	Fairfield.....	1.00	7.00
"	Novae Angliae Rubra.....	1.00	7.00
"	Perry's Pink.....	1.00	7.00
"	Ptarmacoides Major.....	1.00	7.00
"	Robert Parker.....	1.00	7.00
"	St. Egwin.....	1.00	7.00
"	Sub-Coeruleus.....	1.00	7.00
"	White Queen.....	1.00	7.00
"	Wm. Marshall.....	1.00	7.00
<b>Auricula.</b>	Mixed.....	1.00	7.00
<b>Boltonia.</b>	Asteroides.....	1.00	7.00
"	Latisquama.....	1.00	7.00
"	" Nana.....	1.00	7.00
<b>Callirhoe.</b>	Involucrata.....	1.00	7.00
<b>Campanula.</b>	Alliaiaefolia.....	1.00	7.00
"	Calycanthema, Pink.....	1.00	7.00
"	" White.....	1.00	7.00
"	" Blue.....	1.00	7.00
"	Carpatica, Blue.....	1.00	7.00
"	" White.....	1.00	7.00
"	Lactiflora.....	1.00	7.00
"	Medium, Blue.....	1.00	7.00
"	" Pink.....	1.00	7.00
"	" White.....	1.00	7.00
"	Persicifolia Gfla. Blue.....	1.00	7.00
"	" White.....	1.00	7.00
"	Trachelium.....	1.00	7.00

		Price	
Variety		Per Doz.	Per 100
<b>Carnation.</b>	Carmen.....	\$1.00	\$ 7.00
"	Her Majesty.....	1.00	7.00
"	Lord Lyon.....	1.00	7.00
"	White Reserve.....	1.00	7.00
"	Delicata.....	2.00	15.00
<b>Centaurea.</b>	Montana.....	1.00	7.00
"	" Alba.....	1.00	7.00
<b>Hardy Chrysanthemums.</b>	Aaron.....	1.50	10.00
"	" Barney.....	1.50	10.00
"	" Eldorado.....	1.50	10.00
"	" Excelsior ..	1.50	10.00
"	" Louisa.....	1.50	10.00
"	" Meyers Perfection.....	1.50	10.00
"	" Sunshine....	1.50	10.00
"	" Sylvia.....	1.50	10.00
"	" Windlass ...	1.50	10.00
(Above Chrysanthemums are Field-grown Clumps)			
<b>Coreopsis.</b>	Lanceolata.....	1.00	7.00
<b>English Daisy.</b>	(Bellis) Monstrosa Pink.....	.50	4.00
"	" White.....	.50	4.00
<b>Delphiniums.</b>	Bella Donna.....	1.50	12.00
"	Formosum .....	1.00	7.00
"	Kelway's Hybrids.....	1.00	7.00
"	Chinensis Album.....	.90	6.50
"	" Coeruleum....	.90	6.50
<b>Dianthus.</b>	Deltoides Roseus.....	.90	6.50
"	Latifolius Atrococcineus.....	1.00	7.00
<b>Digitalis.</b>	Gloxiniaeflora Pink.....	1.00	7.00
"	" Purple.....	1.00	7.00
"	" White.....	1.00	7.00
"	Grandiflora Yellow.....	1.00	7.00
"	Monstrosa Mixed.....	1.00	7.00
<b>Edelweiss.</b>	.....	1.50	10.00
<b>Eryngium.</b>	Planum.....	1.00	7.00
<b>Eupatorium.</b>	Fraseri.....	1.00	7.00
<b>Funkia.</b>	Subcordata Gfla.....	1.25	8.00
"	Coerulea.....	1.00	7.00
<b>Gaillardia Grandiflora.</b>	.....	1.00	7.00
<b>Geum.</b>	Coccineum.....	1.00	7.00
<b>Gypsophila.</b>	Paniculata.....	1.00	7.00
<b>Helianthus.</b>	Multiflorus Fl. Pl.....	1.00	7.00
<b>Heuchera.</b>	Sanguinea Hybrida.....	1.00	7.00
<b>Hibiscus.</b>	Moscheutos.....	1.00	7.00
"	Crimson Eye.....	1.00	7.00
<b>Hollyhocks.</b>	Double Newport Pink... ..	1.50	10.00
"	" Crimson.....	1.50	10.00
"	" Salmon.....	1.50	10.00
"	" Canary Yellow... ..	1.50	10.00
"	" White.....	1.50	10.00
"	" Pink.....	1.50	10.00
"	" Maroon.....	1.50	10.00
"	" Mixed.....	1.25	8.00
"	Single ".....	1.50	10.00

**MICHELL'S SEED HOUSE, 518 MARKET STREET, PHILADELPHIA**

# MICHELL'S PERENNIALS FOR FALL PLANTING. (Continued)

Variety	Price	
	Per Doz.	Per 100
<b>Hollyhocks.</b> Alleghany mixed.....	\$1.50	\$10.00
<b>Iberis.</b> Sempervirens.....	1.00	7.00
<b>Iris.</b> German Eugene Sue.....	.85	6.00
“ “ Gypsy Queen.....	.85	6.00
“ “ Glorie de Hillegom.....	.85	6.00
“ “ Honorable.....	.85	6.00
“ “ Innocenza.....	.85	6.00
“ “ Jeanne d'Arc.....	.85	6.00
“ “ Kharput.....	.85	6.00
“ “ Leonidas.....	.85	6.00
“ “ Maori King.....	.85	6.00
“ “ Mme. Chereau.....	.85	6.00
“ “ Queen of May.....	.85	6.00
“ “ Mixed.....	.60	4.00
<b>Japan Iris.</b> Named Varieties.....	1.25	8.00
“ “ Mixed.....	1.00	6.00
<b>Lathyrus.</b> Latifolius.....	.90	6.50
“ “ Albus.....	.90	6.50
“ “ Pink Beauty.....	.90	6.50
<b>Liatris.</b> Pycnostachia.....	1.00	7.00
<b>Lychnis.</b> Chalcedonica.....	1.00	7.00
“ “ Dioscea Rosea.....	1.00	7.00
“ “ Haageana Hybrida.....	1.00	7.00
“ “ Semperflorens Fl. Pl.....	1.00	7.00
<b>Lythrum.</b> Roseum Superbum.....	1.00	7.00
<b>Monarda.</b> Didyma.....	1.00	7.00
<b>Pansy.</b> Exhibition Strain..	\$3.00 per 1000	0.35
<b>Pentstemon.</b> Barbata Torreyi.....	1.00	7.00
“ “ Digitalis.....	1.00	7.00
<b>Paeony.</b> Achille.....	1.50	10.00
“ “ Agnes Mary Kelway.....	1.50	10.00
“ “ Alba Plena.....	1.50	10.00
“ “ Anemoneflora Rubra.....	2.00	15.00
“ “ Beaute Francaise.....	2.00	15.00
“ “ Candidissima.....	1.50	10.00
“ “ Charlemagne.....	3.00	20.00
“ “ Couronne d'Or.....	4.50	35.00
“ “ Delachi.....	2.00	15.00
“ “ Delicatissima.....	3.50	25.00
“ “ Duc de Wellington.....	3.00	20.00
“ “ Duchesse de Nemours.....	2.00	15.00
“ “ Faust.....	1.50	10.00
“ “ Festiva Maxima.....	2.00	15.00
“ “ Grandiflora Rosea.....	2.00	15.00
“ “ Louis v Houtte.....	2.00	15.00
“ “ Mlle. Leonie Calot.....	3.50	25.00
“ “ Officialis Rosea.....	1.50	10.00
“ “ “ Alba.....	1.50	10.00
“ “ “ Rubra.....	1.00	7.00
“ “ Queen Victoria.....	1.50	10.00
“ “ Tenuifolia Fl. Pl.....	3.00	20.00
“ “ Pink.....	1.00	7.00
“ “ Red.....	1.00	7.00
“ “ White.....	1.00	7.00
<b>Poppy.</b> Orientale.....	1.00	7.00
“ “ Mrs. Perry.....	1.50	10.00
“ “ Parkmanni.....	1.00	7.00
“ “ Iceland Yellow.....	1.00	7.00
“ “ White.....	1.00	7.00

Variety	Price	
	Per Doz.	Per 100
<b>Phlox.</b> Baron Von Dedem.....	\$ .90	\$ 6.00
“ Coquelicot.....	.90	6.00
“ Dr. Koenigshofer.....	1.25	8.00
“ Eliz. Campbell.....	1.50	10.00
“ Embrazement.....	.90	6.00
“ Eugene Danzanvilliers.....	.90	6.00
“ Fernand Cortez.....	.90	6.00
“ Fiancee.....	.90	6.00
“ Frau Ant. Buchner.....	.90	6.00
“ Fraulein G. Von Lassburg.....	.90	6.00
“ Genl. Chanczy.....	.90	6.00
“ Genl. Von Heutz.....	1.25	8.00
“ Gruppen Konigin.....	.90	6.00
“ Goliath.....	1.25	8.00
“ Hanny Pfleiderer.....	1.25	8.00
“ Jeanne d'Arc.....	.90	6.00
“ Le Mahdi.....	.90	6.00
“ Matador.....	.90	6.00
“ Montagnard.....	.90	6.00
“ Mrs. Jenkins.....	.90	6.00
“ Pink Beauty.....	.90	6.00
“ Richard Wallace.....	.90	6.00
“ R. P. Struthers.....	.90	6.00
“ Rhynstroem.....	1.50	10.00
“ Tower of Eiffel.....	.90	6.00
“ Wm. Robinson.....	.90	6.00
“ Subulata Alba.....	.90	6.00
“ “ Rosea.....	.90	6.00
“ “ G. F. Wilson.....	1.50	10.00

(Above Phloxes are Field-grown Plants)

<b>Physostegia.</b> Virginica.....	1.00	7.00
“ “ Alba.....	1.00	7.00
<b>Primula.</b> Veris.....	1.00	7.00
“ “ Vulgaris.....	1.00	7.00
“ “ Polyanthus.....	1.00	7.00
“ “ Acaulis.....	1.00	7.00
<b>Pyrethrum.</b> Uliginosum.....	1.00	7.00
<b>Rudbeckia.</b> Newmani.....	1.00	7.00
“ “ Purpurea.....	1.00	7.00
<b>Salvia.</b> Azurea.....	1.00	7.00
<b>Scabiosa.</b> Caucasica.....	1.00	7.00
“ “ Alba.....	1.00	7.00
<b>Sedum.</b> Album.....	1.00	7.00
“ “ Acre.....	1.00	7.00
“ “ Spectabilis.....	1.00	7.00
<b>Shasta Daisy.</b> Alaska.....	1.00	7.00
<b>Stokesia.</b> Cyanea.....	1.00	7.00
“ “ Alba.....	1.00	7.00
<b>Platycodon.</b> Grandiflorum.....	1.00	7.00
“ “ “ Alba.....	1.00	7.00
<b>Sweet William.</b> In Separate Colors.....	1.00	7.00
“ “ Mixed.....	.85	6.00
<b>Veronica.</b> Amethystina.....	1.00	7.00
“ “ Incana.....	1.00	7.00
“ “ Longifolia Subsessilis.....	1.00	7.00
“ “ Spicata.....	1.00	7.00
“ “ Virginica Alba.....	1.00	7.00
<b>Viola Cornuta.</b> Blue.....	.75	5.00
“ “ White.....	.75	5.00
“ “ Yellow.....	.75	5.00

## HENRY F. MICHELL CO.

SEEDSMEN AND HARDY PLANT GROWERS

518 Market Street

Philadelphia, Pa.



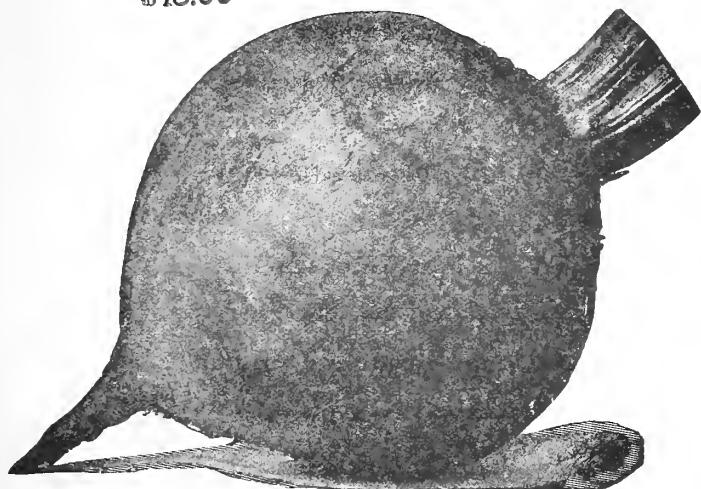
# POUDRETTE

THE MARVELOUS FERTILIZER

For VEGETABLES, FLOWERS, GRASS and GRAIN

~~\$15.00~~ per ton of 2000 lbs.

\$18.00



SOLD BY

HENRY F. MICHELL CO.



Seedsman

TELEPHONE  
CONNECTIONS  
BELL and  
KEYSTONE

518 MARKET STREET,  
PHILADELPHIA

"Evergreen" Seed Gardens, Torresdale, Pa.

## POUDRETTE

is undoubtedly the lowest-priced fertilizer in existence, considering its great value for producing large, quick crops. It is a natural fertilizer, containing no chemicals, valuable for top dressing lawns, fields, or for using in connection with planting potatoes, vegetable, flower or grass seeds. It should be applied broadcast (as it will not go through a drill) at the rate of 1000 lbs. per acre. It is available the first season and cannot burn, no matter how much is applied.

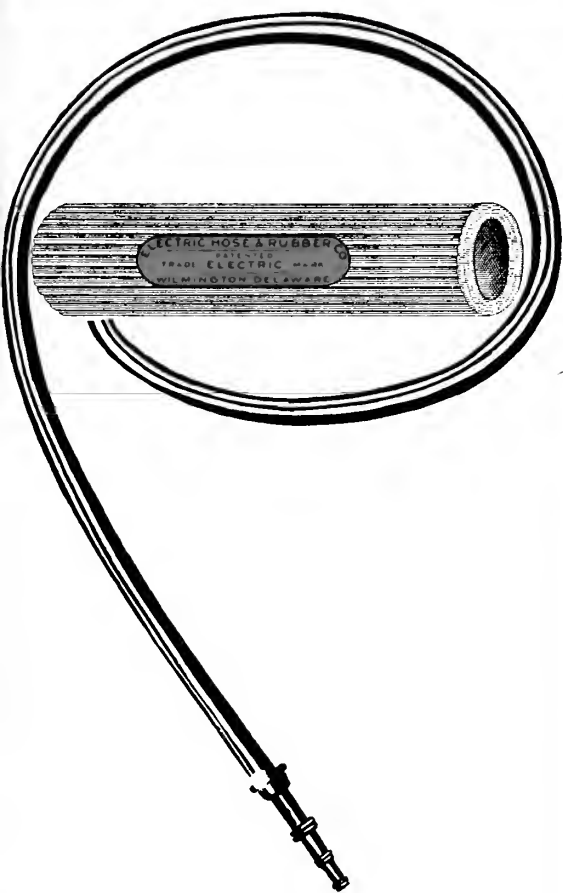
### PRICES

5 lbs. . . . .	\$0.20	200 lbs. . . . .	\$2.75
10 " . . . . .	.35	600 " . . . . .	6.00
25 " . . . . .	.60	1000 " . . . . .	9.50
100 " . . . . .	1.50	2000 " (1 ton) . . . . .	18.00

The demand is always greater than the supply

**ORDER NOW**





YOU'RE THE  
MAN THAT  
NEEDS ME~



**DID YOU EVER FIGURE HOW  
MANY TIMES IN A SEASON YOU  
COIL AND UNCOIL A HOSE ?**

Often you don't even take the time to do this but let it lie out in the hot sun day after day.

It's a pretty good hose that will stand this abuse and NOT quit "on the job" when you need it the most.

Electric Garden Hose is more than a good hose. It's the BEST.

That is why it is called ;

"The hose without woes  
As the wise buyer knows."



# THE ELECTRIC GARDEN HOSE

Has the largest percentage of new crude rubber of any garden hose made, with just enough cotton fabric to give it necessary strength for the hardest service.

Any old hose made of nearly all cotton with a "smell" of rubber will cost you very little per hose. But when you have to buy several each season it is the quantity—not the quality—that wastes your dollars

The Electric will cost you more than any other hose on the market because it's worth it. Buy it first and you'll never have a chance to try the others.

12 years of careful manufacture have made it crack and leak PROOF—the dollar saving garden hose.

Go to the reliable dealer in your town for the hose with the Electric brand, and corrugated surface as shown on the back of this circular, and

## ACCEPT NO SUBSTITUTES

FOR SALE BY

**HENRY F. MICHELL CO.**

**SEEDSMEN**

518 MARKET STREET

PHILADELPHIA, PA.

"Evergreen" Seed Gardens, Torressdale, Pa.

25 FT.

**ELECTRIC HOSE & RUBBER CO.**  
PATENTED  
TRADE **ELECTRIC** MARK  
**WATER**  
WILMINGTON, DELAWARE

26 FT.



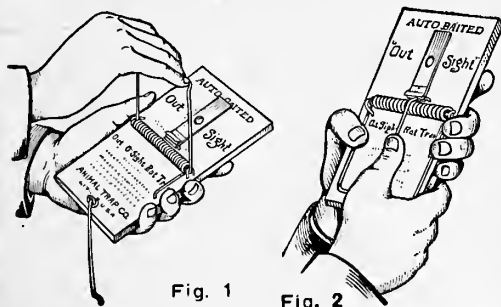


Fig. 1 Fig. 2

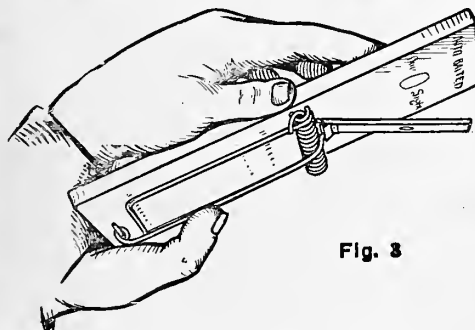


Fig. 3

### To Set Auto-Baited Mouse and Rat Traps

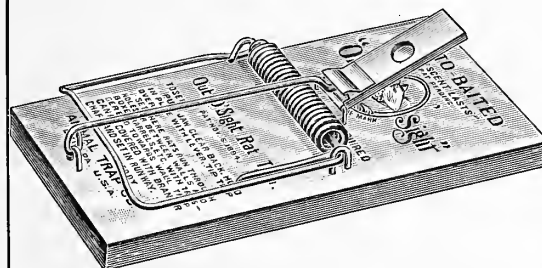
Hold trap, with wire catch hanging over end, in left hand. (Fig. 1.)

With the right hand pull the jaw or striker (Fig. 1) clear back and hold in place with the thumb and fingers of left hand. (Fig. 2.)

Place the wire catch over the jaw and press down until it rests on the coiled spring (Fig. 2.) Now tip the trap completely over (Fig. 3) so the Auto-Baited trigger can drop over the end of catch; release the hold on the jaw or striker; and the trap is set.

**T**RAPPING is the only sure means of exterminating rats and mice.

## AUTO-BAITED



THESE TRAPS ARE ALREADY BAITED  
**"THE TRIGGER IS THE BAIT"**

**H. F. Michell Co.**

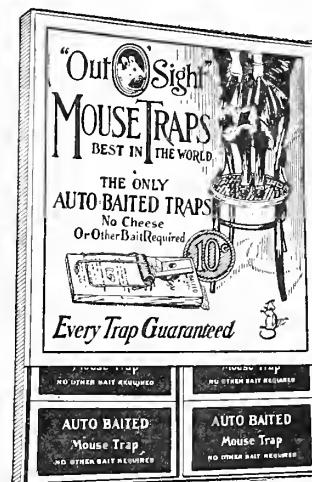
518 Market St.

PHILADELPHIA, PA.

## READ WHAT THE PRESS OF THE UNITED STATES

Has to say regarding the destruction caused by Rats and Mice.

**"RATS COST AS MUCH EACH YEAR AS THE QUARTER BILLION DOLLAR FIRE TOTAL"**



**H. F. Michell Co.**

518 Market St.

PHILADELPHIA, PA.

# Rats Denounced as Spreaders of Disease and Wholesale Destroyers of Costly Property

N. Y. EVENING TELEGRAM.

Rats!

They cost this country as much in annual waste as does fire; and the annual fire waste is about a quarter billion dollars. So says the Department of Agriculture, which has been studying the rat and means of catching him.

The rat, plus his little drab brother the mouse, causes no end of damage in cities. The mouse eats crops, grain in granaries and spreads disease. In fact, nothing in particular can be found in favor of the rodents, and the problem of exterminating them is severe.

Poisons have become comparatively useless, because the rodents have got used to them. The rodent stomach accepts poison as substantial nourishment nowadays, while the strychnine poisons produce almost no effect.

The only efficacious treatment is construction of rat proof buildings, which cost something extra, and continuous use of good traps.

## Cost Many Millions.

Chicago Record Herald:—"Rats spread disease, destroy annually many millions of dollars' worth of merchandise and food, and cause much damage indirectly. Experience demonstrates that they deserve all that is coming to them and still some more for full measure."

## Menace to Civilization.

Los Angeles Times:—"The American rat has become a positive menace to our civilization. The rodent not only spreads disease, but he is eating up the public libraries. What are we going to do about it?

## More Than the Fire Waste.

Albany Argus:—Scientists who have a fondness for figures assert that rats destroy property to the extent of half a billion dollars every year in this country. This is more than the annual fire waste, but involves an even greater loss, to a portion of people, because it cannot be insured against. If this, among some other leaks, could be effectually stopped, our people would become wonderfully rich in a comparatively few years."

## Extermination Widely Advocated.

Indianapolis News:—"Of course, we do not have to go to Japan to learn that cats and rats are natural enemies, but it is interesting to find the people in so many different countries advocating the extermination of rats. Without doubt they destroy a great many million dollars' worth of property in this country every year."

## Endanger Lives.

Buffalo News:—"Study of the rodents has satisfied people that rats are not only useless creatures, but that they distribute poison and endanger lives to an extent that is rivaled only by the common house-fly. Difficult as the task may be to exterminate rats or drive them out of inhabited places, progress has been made, and it will continue to be made, until the rat is exterminated completely."

## Pays to Kill the Pests.

Tacoma Ledger:—"Nothing is lost by a war on rats. A Danish authority who investigated with scientific exactitude found that a rat eats a quarter of a cent's worth of food a day. The

Danish government expended a sum in killing rats, and it was demonstrated that the saving in food was far in excess of the cost of the rat killing."

## What One Rat Costs.

Louisville Courier-Journal:—"An international society formed for the extermination of rats is authority for the information that it costs \$7 a year to keep a rat. Some of us ought to be willing to exchange a few of our rats for a motor car."

## Expensive Luxury.

Philadelphia Record:—"Seriously speaking, the migratory rat is an expensive luxury as well as a menace; and civilization must rid itself of this parasite and disease carrier at any price. The cost of a worldwide campaign against it could not be greater than the millions of wealth it annually steals and consumes."

## Serve No Useful Purpose.

Utica Press:—"It is a sanitary precaution of great importance to kill all the rats. They serve no useful purpose, but instead are a danger and a menace in every capacity. There must be a general assault if it is to be successful and every place where the rodents live must be besieged."

## Can Save Many Lives.

Boston Advertiser:—"It is becoming increasingly evident that the rat can save many lives by being exterminated."



**NIKOTEEN**

**APHIS**

**PUNK**

THE ORIGINAL AND GENUINE

**NICOTINE FUMIGANT**

**WIDELY IMITATED BUT NEVER EQUALED**

**UNIFORM AND ALWAYS EFFECTIVE**

**Don't Accept Inferior Imitations**

**NIKOTEEN**

**(TRADE MARK)**

**A LIQUID INSECTICIDE**

**FOR USE OF**

**FLORISTS, GARDENERS and FRUIT  
GROWERS**

**... FOR ...**

**FUMIGATING AND SPRAYING**

**Very Effective and Economical**

**NIKOTEEN**

**Is the strongest Nicotine Insecticide on  
the market and will kill all insects  
affected by Tobacco**

## WHAT APHIS PUNK IS AND HOW TO USE IT.

Aphis Punk is composed principally of nicotine, wood pulp and chemicals, that, when the sheets are ignited in use, assist and control the burning of the pulp and the vaporizing of the nicotine.

Aphis Punk is packed in cases containing 12 air tight boxes; each box contains 12 sheets, 6 inches wide by 34 to 36 inches long.

Every user will soon find the best way to use the punk in his own peculiar conditions. A cheap and convenient method is to attach a sheet of the punk to a board by passing a pin through one end allowing the sheet to spread out its full length. Light with a match at the lower end and allow it to burn without flaming. Another method is to pin the sheet to a lath layed across the walk.

The sheets should be placed equal distances apart and at low points in the house, as the fumes rise. The houses should be tightly closed during fumigation and for two or three hours afterward.

## VALUE OF HUMIDITY

To get economical results—that is, to kill all the insects with the smallest consumption of nicotine—it is necessary that the atmosphere in the house should be moist. Nicotine poisons insects by being absorbed through the skin. A moist surface absorbs nicotine more readily and rapidly than a dry surface, consequently, the insects are more susceptible to the poison when they are moist than when dry. The more humid the air in the house to be fumigated the less Aphis Punk will be required to do the work effectively.



## **NIKOTEEN LIQUID IS A STRONG SOLUTION OF NICOTINE AND IS USED FOR FUMIGATION OR SPRAYING**

**Fumigation.** Fumigation is preferred for greenhouses and conservatories because it is the least troublesome and most convenient. It consists in vaporizing the Nikoteen so that the house is filled with the fumes. The vaporizing is usually done by painting on steam pipes, or by blowing live steam through a solution containing Nikoteen.

Economy in vaporizing is obtained by impregnating the air in the house sufficiently to kill all insects with the smallest consumption of medicine. Quick volatilization, by which all the Nikoteen is thrown into the air at once, as therefore most economical. By this method fumigation with Nikoteen cost 4 cents for each 600 square feet of floor space.

### **DIRECTIONS FOR SPRAYING**

For most outdoor work and sometimes under glass, spraying is resorted to in preference to fumigating. One part of Nikoteen to 600 parts of water is a sufficiently strong spraying solution for most all insects. An ordinary sprinkling can may be used for applying the spray but a force pump, sprayer or syringe is preferable. Among the insects especially susceptible to nicotine poisoning are the Aphis, or Plant Louse, Thrip, Apple Aphis, Black Peach Aphis, Currant Leaf Hopper, Grape Vine Leaf Hopper, Rose Leaf Hopper, Mealy Bug, Cucumber Flea Beetle, Striped Cucumber Beetle, Wavy Striped Flea Beetle and Melon Louse.

## APHIS PUNK

Is packed in cases containing 12 boxes,  
each box containing 12 sheets of Punk.  
Weight of cases, 8 lbs.

### Price

Per package .....60c  
12 packages for .....\$6.50

## NIKOTEEN

Is packed in pint bottles of extra heavy  
glass. Ten bottles to a case. Weight  
of case, 25 lbs.

### Price

Per pint .....\$ 1.50  
10 pints for .....14.00

---

FOR SALE BY

**MICHELL'S SEED HOUSE**

**518 Market St., Phila.**

"Evergreen" Seed Gardens

Torresdale, Pa.



100.000-10-12. Wolf. re-1000

**HENRY F. MICHELL CO.**

**518 Market Street,**

**"SEEDS," ETC. Philadelphia, Pa.**

From

P. O.

County

State







# MICHELL'S KEYSTONE PLANT TUB

## THE MOST ECONOMICAL TUB FOR THE FLORIST

**P**LANTS, large or small, appear always to better advantage when planted in tubs instead of pots. They are easier handled because they are much lighter in weight; they are more attractive, and bring a higher price. Tubs have welded hoops, except bottom hoop, which is flat, (and neat handles, when desired, at extra prices as mentioned below). Unlike pots, they do not break, nor do they require special packing when used in shipping. Made of white cedar, they are by far the *cheapest, neatest, lightest, and best* florist tub put on the market.

Please note the full assortment of sizes, all of them being painted inside and out and their tops finished round bevel.

### PRICES

Size No.	Inside Top Diam.	Inside Bottom Diam.	Inside Depth	Thickness of Stave	Price Each	Dozen	Per 100
1 . . . .	6 . . . .	5 . . . .	6 . . . .	$\frac{3}{8}$ . . . .	\$0.25 . . . .	\$2.50 . . . .	\$20.00
2 . . . .	7 . . . .	5 . . . .	7 . . . .	$\frac{3}{8}$ . . . .	.28 . . . .	3.00 . . . .	24.00
3 . . . .	8 . . . .	6 . . . .	8 . . . .	$\frac{3}{8}$ . . . .	.30 . . . .	3.25 . . . .	25.00
4 . . . .	9 . . . .	7 . . . .	9 . . . .	$\frac{3}{8}$ . . . .	.35 . . . .	3.50 . . . .	26.00
5 . . . .	10 . . . .	7½ . . . .	9 . . . .	$\frac{7}{16}$ . . . .	.40 . . . .	3.75 . . . .	30.00
6 . . . .	11 . . . .	8½ . . . .	10 . . . .	$\frac{1}{2}$ . . . .	.45 . . . .	4.75 . . . .	37.50
7 . . . .	12 . . . .	9 . . . .	11 . . . .	$\frac{1}{2}$ . . . .	.50 . . . .	5.75 . . . .	47.50
8 . . . .	13 . . . .	10 . . . .	12 . . . .	$\frac{1}{2}$ . . . .	.65 . . . .	7.00 . . . .	57.50
9 . . . .	14 . . . .	11 . . . .	13 . . . .	$\frac{3}{8}$ . . . .	.70 . . . .	7.75 . . . .	62.50
10 . . . .	15 . . . .	11½ . . . .	14 . . . .	$\frac{3}{8}$ . . . .	.80 . . . .	8.75 . . . .	71.00
11 . . . .	16 . . . .	12½ . . . .	15 . . . .	$\frac{3}{8}$ . . . .	.95 . . . .	9.75 . . . .	77.50
12 . . . .	17 . . . .	13½ . . . .	16 . . . .	$\frac{3}{8}$ . . . .	1.00 . . . .	11.25 . . . .	92.00
13 . . . .	18 . . . .	14½ . . . .	17 . . . .	$\frac{3}{8}$ . . . .	1.30 . . . .	14.00 . . . .	115.00
14 . . . .	19 . . . .	15½ . . . .	18 . . . .	$\frac{3}{8}$ . . . .	1.45 . . . .	17.00 . . . .	135.00

None of these Tubs are equipped with handles at the above prices.

If stamped steel side handles are wanted, add 7 cents to the price of each Tub in single or dozen lots; 6 cents each in 100 lots. These handles are not sold attached to the tub.

## Michell's "Anylength" Greenhouse Hose

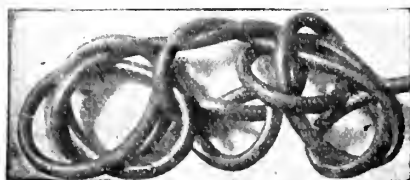
### AT A SPECIAL PRICE

Every florist knows how difficult it is to get hose that will stand all the rackets of the greenhouse. It's just six years since we began selling this one ("Michell's Anylength"), and we can't help recommending it in the highest terms. It's mighty tough, very flexible, and best of all it's a wearer with a record behind it; can be had any length up to 500 feet; made by the inventors of continuous length hose. (Write for a free sample.)

### SPECIAL LOW PRICES FOR 1913

14½c. PER FOOT

\*500 feet. . . . . \$67.50.  
25 feet sections and upward coupled free.



"YOU CAN'T KINK IT"